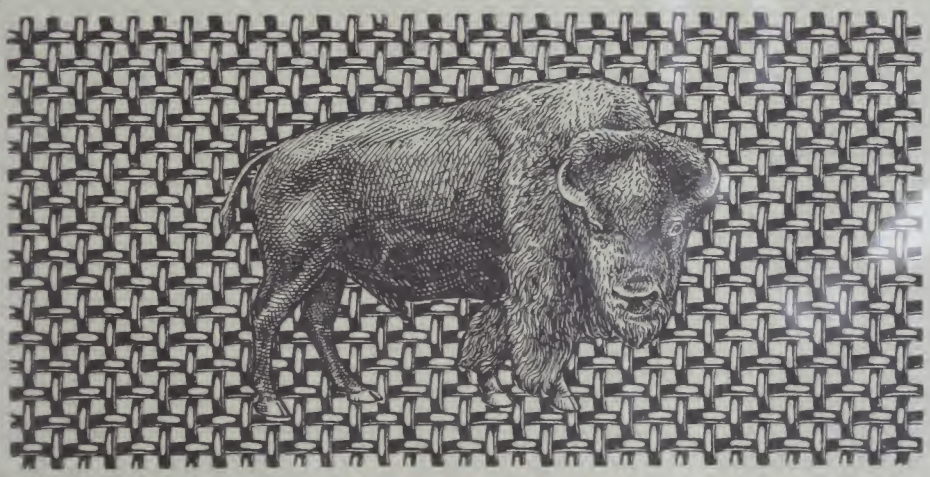
BUFFALO WIRE WORKS COMPANY

INCORPORATED

(FORMERLY SCHEELER'S SONS)



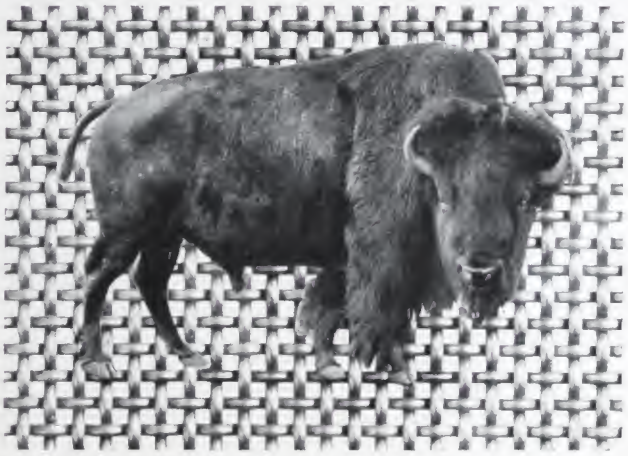
CATALOG No. 8

BUFFALO, N.Y., U.S.A.

BUFFALO WIRE WORKS CO.

(Formerly SCHEELER'S SONS)

ESTABLISHED 1869 INCORPORATED 1903

TRADE  MARK

REG'D U. S. PAT. OFFICE

CATALOG No. 8

BUFFALO, N. Y., U. S. A.

AEROPLANE VIEW OF MAIN OFFICE AND FACTORY

INTRODUCTION

AFTER nearly a half century of successful operation, the experience we have gained in the manufacture of our varied line may be considered our most valuable asset.

Without it we would not have been able to successfully serve our customers, or to maintain—if not improve—the high quality of our products.

It has been our one aim to reach the highest standard in the manufacture of Wire Cloth and Ornamental Iron and Wire Work, also Artistic Metal Work, and our constantly increasing facilities prove our success in this direction.

We illustrate in this catalog only a few of the many uses of "BUFFALO" Wire Cloth and the various kinds of Ornamental Designs we have executed, but these we hope will give the reader a fairly good idea of our capacity and skill in executing work of this nature.

Together with this, we have carefully compiled a series of tables showing the various sizes of wire, weights, sizes of opening in the different meshes and metric measurements—in fact all general information pertaining to our line.

Furthermore, we are constantly willing to assist and co-operate with our customers in determining their needs, which our broad experience makes possible.

As most cases of Ornamental Iron and Wire Work require special drawings, we will gladly, at any time, submit special designs for selection.

To this we would add that our designing and engineering department is always ready to serve our customers or prospective customers with our latest designs or make suggestions covering their special requirements.

Nearly all work of this class is made specially to order, and on account of the wide variation in cost owing to change in prices of raw material and labor, we find it impossible in many cases to place a satisfactory list on these articles in justice to our customers and ourselves.

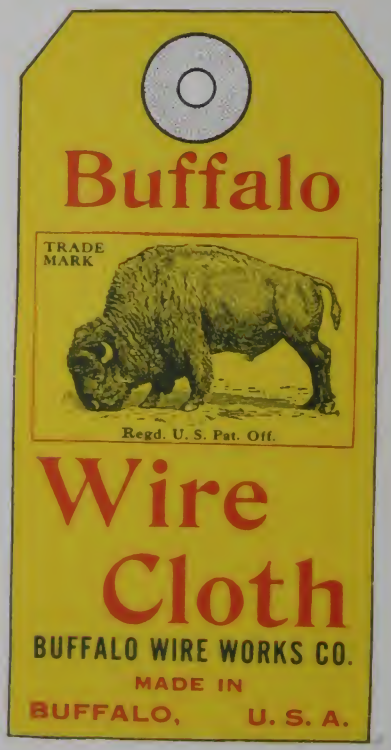
We will, therefore, be pleased to quote net prices upon receipt of plans and specifications with full information which will enable us to figure intelligently and perhaps offer suggestions that will be advantageous and economical to our patrons.

Therefore, in presenting this catalog, we hope it will prove of valuable assistance to all interested, from whom we respectfully solicit correspondence and inquiries.

Respectfully,

BUFFALO WIRE WORKS CO., Inc.

Look for this yellow tag with the imprint of the "BUFFALO" on every roll of Genuine "BUFFALO" Wire Cloth.

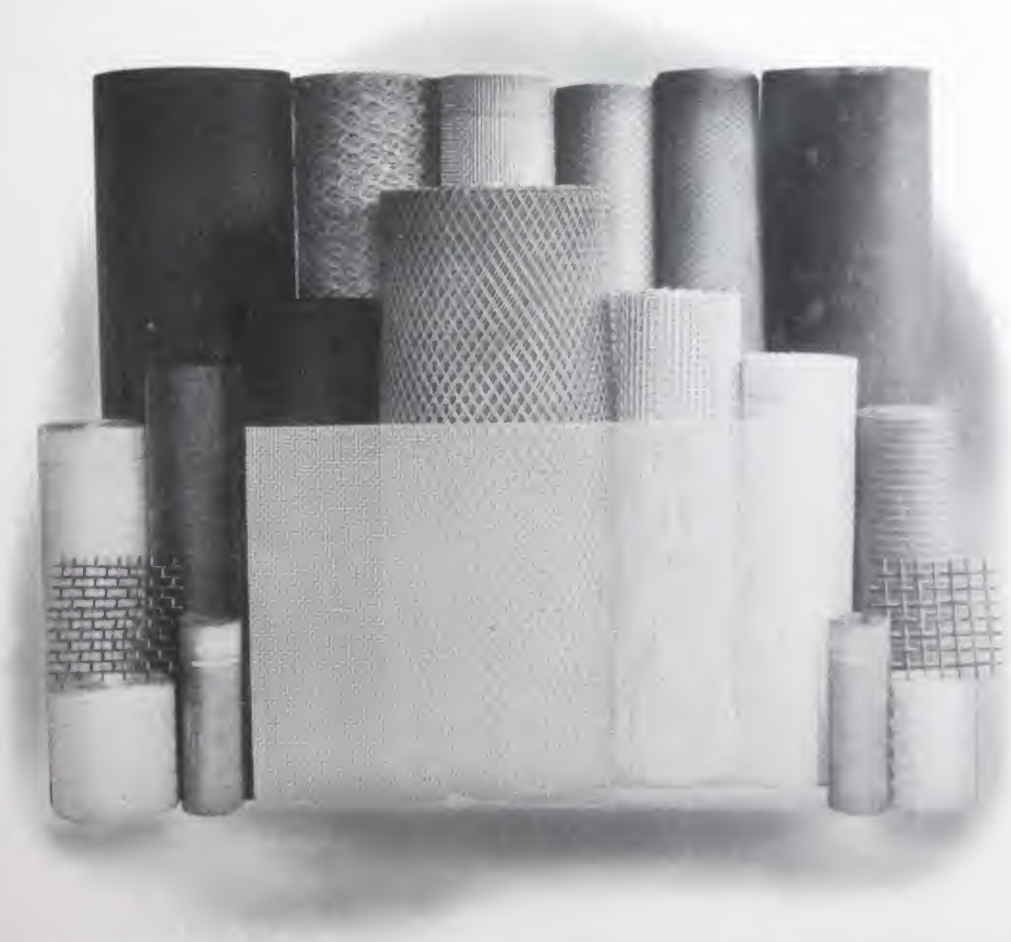


It insures Quality, Service and Satisfaction.

Buffalo Wire Works Co.

Buffalo, N. Y.

BRONZE MEDAL AWARDED "BUFFALO" WIRE CLOTH
AT THE PANAMA PACIFIC INTERNATIONAL EXPOSITION, 1915



A FEW OF THE LARGE VARIETY OF "BUFFALO" WIRE CLOTH PRODUCTS

Terms

All prices made are subject to change without notice.

Terms of payment are stated on invoice and when due are subject to sight draft.

We reserve the right in all cases to add interest from date or average date of invoices when past due.

Orders for wire cloth executed in compliance with specifications either cut from the roll or made specially to order and shipped according to instructions cannot be exchanged or returned to us for credit. Ornamental Wire Work and Iron Work when executed in accordance with specifications cannot be exchanged or returned to us for credit.

New Accounts

In cases where parties have never been on our books before we would kindly request that they furnish references in order that our credit department may pass upon them and to avoid delay in securing this information from other sources.

No goods will be sent by Express, C. O. D. unless a remittance of 50 per cent. accompanies the order.

Packing and cartage will be charged at cost.

One section of our battery of service trucks making their way to the freight houses

Suggestions in Ordering Wire Cloth

When Ordering Wire Cloth

It is advisable, if possible, to send samples of exact requirements to be duplicated, or mention the use to be made of the material; this proves a safeguard against misunderstanding or errors which may occur.

Quantity

No length less than 100 linear feet shall be understood to be a roll. The number of rolls or pieces together with the dimensions of length and width are the first important items.

Cut Pieces, or lengths less than full rolls

When cutting lengths from full rolls in stock we must necessarily charge a higher price (depending on quantity) to cover cost of cutting, packing, crating, etc.

Exact Lengths

In the process of weaving, it is impossible in most cases to weave an exact length; while we constantly endeavor not to exceed a customer's order any more than absolutely necessary, yet certain allowances we must make in warping our looms for crimp, stretch, etc., do not work out uniformly. It is therefore customary to ship and charge for the length as taken from the loom, unless specific arrangements are made prior to entering an order.

Stock Widths

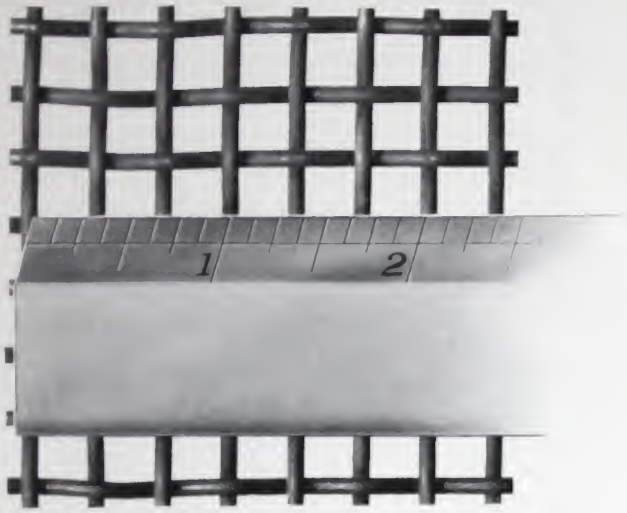
Regular stock widths range from 24 to 48" in six inch steps, that is 24, 30, 36, 42 and 48". In the heavier grades of steel wire cloth are also carried 54, 60 and 72" widths. Odd widths, however, can be woven specially for any requirement.

Narrow and Wide Widths

Wire cloth narrower than 24" and in some cases wider than 48" is subject to advance in price over stock widths; since the same length of time is required to weave a narrow width as a wider stock width, and the aggregate square feet contained is so much less, an advance in price is necessary.

Again, owing to difficulties encountered in weaving some grades wider than 48", involving more labor, we must also ask an advance to cover extra cost.

Suggestions in Ordering Wire Cloth



3 x 3 Mesh

Mesh

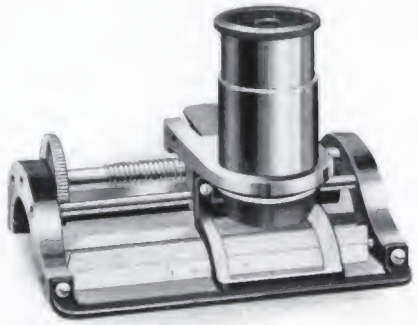
THIS term in wire cloth, denotes the number of openings in either direction per linear inch, measured from centre to centre of parallel wires as shown in the accompanying illustrations:

Many confuse "mesh" with "space" or "opening" on account of which goods are forwarded which are entirely too small in "opening" for their requirements.

"BUFFALO" Wire Cloth Mesh Counter as shown in illustration is the latest, most accurate and most convenient mesh counter on the market for counting fine meshes. It has three scales: inches—millimeters and decimal inch, divided into 10 parts. Its magnifying power is 250 and has been adopted by the U. S. Bureau of Standards, Washington, D. C.

Meshes in Wire Cloth as fine as 300 can be counted accurately without any eye strain whatsoever. There is no other mesh counting glass combining the magnifying power and other distinctive features of this instrument.

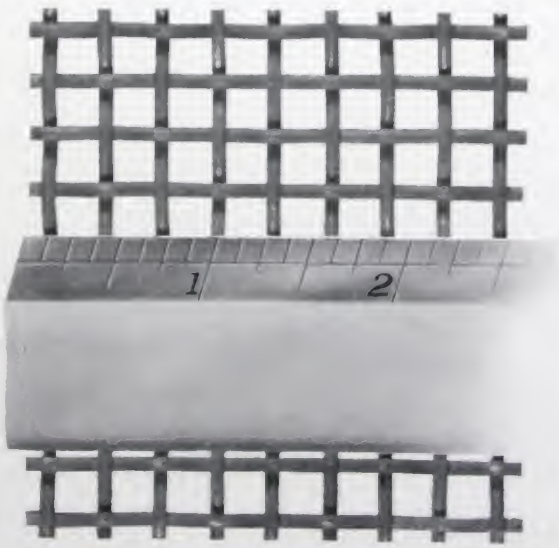
We shall be pleased to furnish "BUFFALO" Wire Cloth Mesh Counters to our customers at cost.



"BUFFALO" Wire Cloth Mesh Counter

Many users of wire cloth have the idea that it can only be manufactured in even meshes or even number of holes per linear inch, such as 3, 4 or 6 mesh. This impression, however, is not correct as Wire Cloth can be woven in odd or fractional meshes as well as full or even meshes.

For the purpose of making this clear we illustrate 3 1/2 mesh, showing that the point 1 inch distant from the centre of one wire, is between wires—hence there are three full openings and one-half of an opening within the distance of 1 inch.



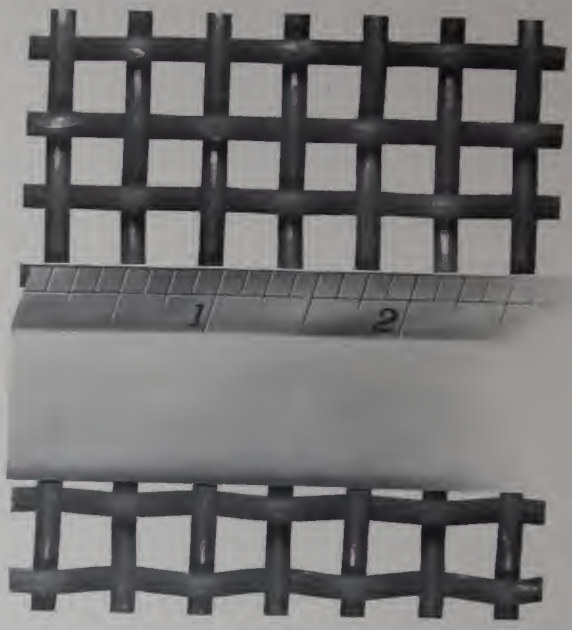
3½ x 3½ Mesh

Suggestions in Ordering Wire Cloth—Continued

Space

THIS term indicates the actual "clear opening" or distance between parallel wires, and is the opposite of "mesh". Reference to the illustration shows the method of measuring "space" between wires. The lists shown on pages 29 and, 35 to 39 are the only ones in which the term "space" is employed; in all other cases the term "Mesh" is used.

We therefore urge that our patrons be very specific regarding this requirement.



¼" Space

Ames Gauge

Gauge

BY reference to the table on page 14 showing the variation between gauges, it will be noted that such a variety of sizes exist under the same number, that there is great liability for confusion or misunderstanding. While the Washburn & Moen Gauge, among manufacturers, is termed the "Standard" for all Steel, Galvanized, and Tinned wire cloth, and the Old English Gauge for all Brass, Copper and Bronze wire cloth, we cannot urge or recommend too strongly the use of the "Micrometer Caliper," "Ashcroft," or "Ames" Gauge to exactly determine the finer sizes.

Illustrations of the use of these gauges are given and it will readily be seen that where the diameter of a wire is given in thousandths of an inch, there is no chance for deviation on the part of the manufacturer, either in quoting or filling specifications.

For example note the wide variation in diameter in No. 10 Gauge under the different heads on page 14—or better still the proportionately more noticeable difference in No. 36 Gauge.

The Washburn & Moen Gauge is designated in this catalog by the initials W. & M. and the Old English gauge by the initials O. E., but we also show the diameter of the wire in decimals, and as stated above would recommend using the decimals in specifying sizes of wire both on inquiries and orders.

Material—State whether Steel, Brass, Copper or any other metal.

Micrometer Caliper Gauge

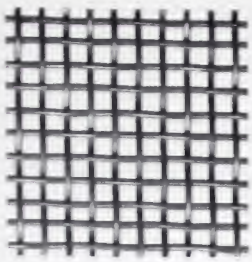
Ashcroft Gauge

Suggestions in Ordering Wire Cloth—Continued

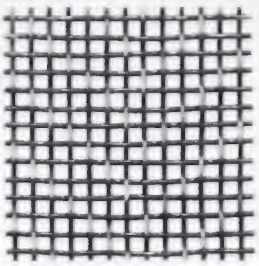
Methods of Weaving

These are illustrated and are as follows:

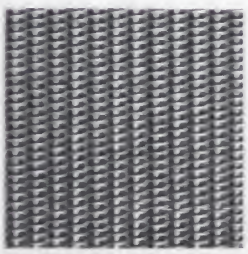
A—Plain Weave



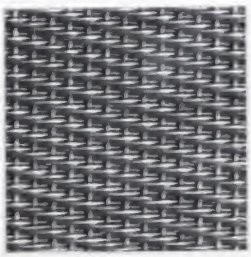
B—Twilled Weave



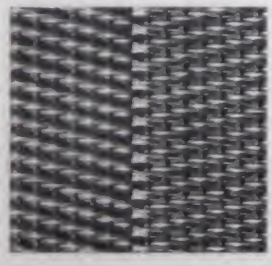
C—Twilled Herringbone Weave



D—Plain Dutch Weave

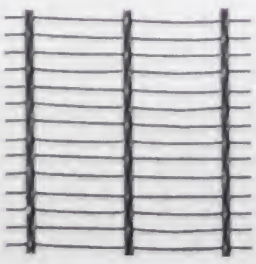


E—Twilled Dutch Weave



F—Twilled Dutch Herringbone Weave

G—Double Warp

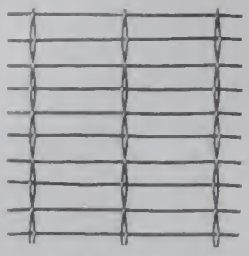


H—Triple Warp

Suggestions in Ordering Wire Cloth—Continued

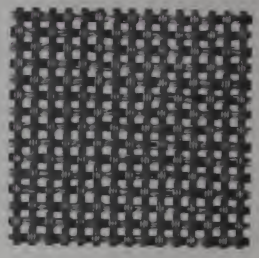
Methods of Weaving

These are illustrated and are as follows:



I—Twist Warp

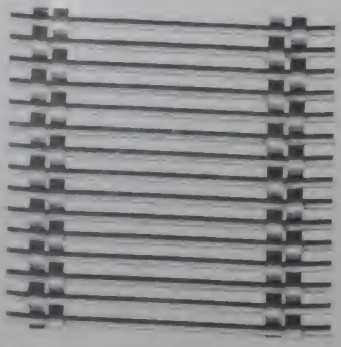
J—Extra Crimp



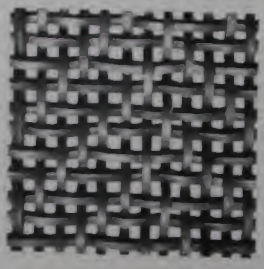
K—Cabled Weave

L—Double Weave

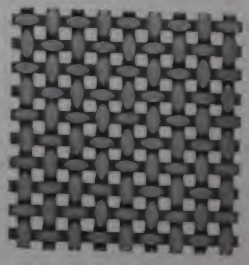
M—Flat Weave



N—Square or Flat and Round Wire Weave



O—Square Wire Weave



P—Rolled

Suggestions in Ordering Wire Cloth—Continued

Odd Methods of Weaving

ON pages 11 and 12 will be found illustrations of methods of weaving other than the ordinary plain weave.

While plain weave in nearly all cases answers satisfactorily, yet occasions arise where preference should be shown for special weaves.

In the twilled weave, great pliability is attained thus making this the ideal for formed work such as ball-shaped strainers of various kinds and smoke stack bonnets; in other words, capable of being easily drawn to any desired shape. See illustration B and C, page 11.

The Dutch Weave has been found indispensable for filter purposes for beside having great tensile strength, it also possesses the desired capacity. If woven twilled it combines with these qualities that of pliability for forming purposes. See illustration D, E and F, page 11.

Double and Triple Warp are used almost exclusively in the making of the finer long meshes, the greater number of wires in the warp possessing a greater hold on the filling wires thus producing a fabric which will retain to a greater extent the exact mesh originally woven, a feature which would not be possible were a single wire used in the warp. This method also tends to greater flexibility of the warp making the fabric more adaptable for conveyor apron use. See illustration G and H, page 11.

The Twist Warp can be furnished in the coarser meshes which of course perform heavier service, thus requiring additional warp strength. It is also adaptable where the filling wires are required of about the same size or diameter or even lighter (and more closely woven) than the warp. See illustration I, page 12.

Extra Crimp denotes an intermediate crimp between the meshes, and differs materially from plain weave. The advantage of the extra crimp can readily be seen in the case of a very large mesh in which a proportionally small diameter wire is used; the crimp being so much more abrupt serves to keep the mesh uniformly in place. However, this style of weaving is practical only in the coarser spaces of crimped screens for handling coal, ore, crushed stone, etc. See illustration J, page 12.

Cabled Weave provides possibly the most flexible texture capable of withstanding constant bending. It is thus very preferable to plain weave for use in conveyor belts or aprons in cereal mills. While we do not claim greater longitudinal tensile strength over plain weave, yet, it can readily be seen that with proper support for the weight it must convey, this material will out-wear several times any other kind. It can also be woven with a cabled warp and a solid filling, this method being found advisable where the fabric requires flexibility only in one direction. See illustration K, page 12.

Double Weave, as the illustration shows, indicates a cloth with a double flat laid warp as well as a double filling. While slightly more flexible than plain weave, its purpose is chiefly for making spark guards, fire fenders, and for use in connection with ornamental wire work. See illustration L, page 12.

Flat Weave, or Flat and Round Wire Weave can be furnished where occasion requires. The illustration shows the use of flat wire in both warp and filling and is extensively used for folding fire fenders and ornamental work. There is nothing to hinder making this material with a flat wire in either direction and a round wire in another. See illustration M, page 12.

Square or Flat and Round Wire Weave is found preferable at times in mining operations, to the plain weave. It can readily be seen that this manner of weaving provides a straight sided mesh, without the taper incidental to a round wire mesh; especially is this noticeable where both the warp and filling are of square or flat wire. See illustration N and O, page 12.

Rolled Wire Cloth. While this term has no particular bearing on the manner of weaving, it more fully refers to the style of finish. Rolling is possible in very nearly all cases, except of course in the very fine meshes. The particular advantage of rolling the cloth is that aside from firmly "setting" the meshes it provides a perfectly true flat smooth surface, so indispensable when used for malt kiln floors, and in the canning industry, besides numerous other uses.

It perfectly supplants perforated metal in any case, having more than double the capacity as well as greater tensile strength and durability. See illustration P, page 12.

Tables, Gauges and Equivalents

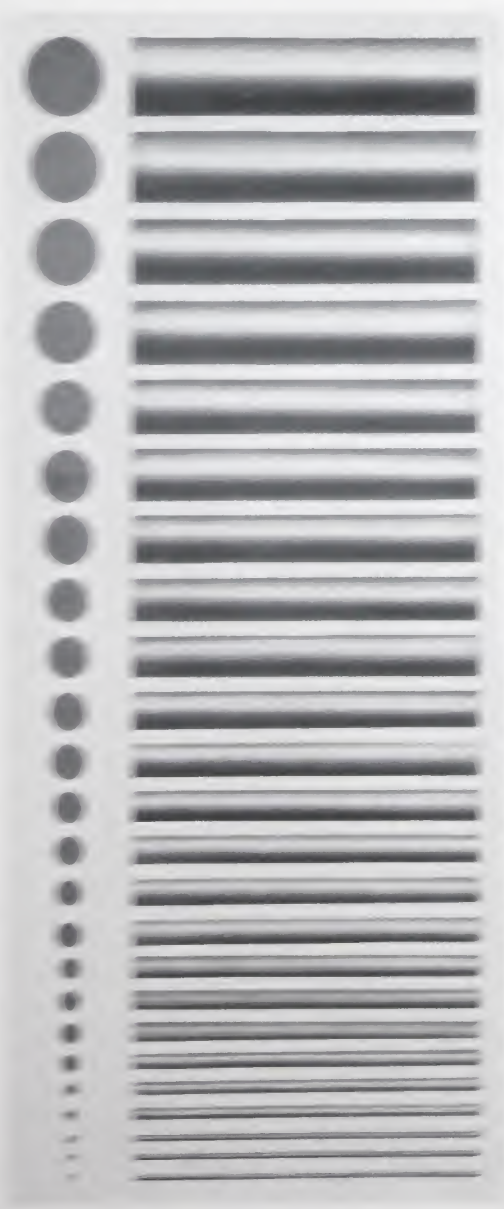
Table Showing the Difference Between Wire Gauges

No.	W & M Gauge Standard for all Steel and Galvanized Wire Cloth	Old English Gauge Standard for all Brass and Copper Wire Cloth	Birmingham or Stubs	American or Brown & Sharpe
0000	.393	.454	.454	.460
000	.362	.425	.425	.4096
00	.331	.380	.380	.3648
0	.307	.340	.340	.3249
1	.283	.300	.300	.2893
2	.263	.284	.284	.2576
3	.244	.259	.259	.2294
4	.225	.238	.238	.2043
5	.207	.220	.220	.1819
6	.192	.203	.203	.1620
7	.177	.180	.180	.1442
8	.162	.165	.165	.1284
9	.148	.148	.148	.1144
10	.135	.134	.134	.1018
11	.120	.120	.120	.0907
12	.105	.109	.109	.0808
13	.092	.095	.095	.0719
14	.080	.083	.083	.0640
15	.072	.072	.072	.0570
16	.063	.065	.065	.0508
17	.054	.058	.058	.0452
18	.047	.049	.049	.0403
19	.041	.040	.042	.0358
20	.035	.035	.035	.0319
21	.032	.0315	.032	.0284
22	.028	.0295	.028	.0253
23	.025	.027	.025	.0225
24	.023	.025	.022	.0201
25	.020	.023	.020	.0179
26	.018	.0205	.018	.0159
27	.017	.0187	.016	.0141
28	.016	.0165	.014	.0126
29	.015	.0155	.013	.0112
30	.014	.0137	.012	.0100
31	.0135	.0122	.010	.0089
32	.013	.0112	.009	.0079
33	.011	.0102	.008	.0070
34	.010	.0095	.007	.0063
35	.0095	.009	.005	.0056
36	.009	.0075	.004	.005
37	.0085	.0065	....	.0044
38	.008	.0057	....	.0039
39	.0075	.005	....	.0035
40	.007	.0045	....	.0031

Tables, Gauges and Equivalents—Continued

Illustration Showing Exact Sizes of Wire

Washburn & Moen Gauge
The Standard for Steel and Galvanized Wire Cloth



Tables, Gauges and Equivalents—Continued

Table of Decimals, Fractions and Equivalents in Millimeters

Fraction	32ds	64ths	Decimals of an inch	Millimeters	Fraction	32ds	64ths	Decimals of an inch	Millimeters
		1	.015625	.397			33	.515625	13.097
	1	2	.03125	.794		17	34	.53125	13.494
		3	.046875	1.191			35	.546875	13.891
1/16	2	4	.0625	1.588	9/16	18	36	.5625	14.288
		5	.078125	1.984			37	.578125	14.684
	3	6	.09375	2.381		19	38	.59375	15.081
		7	.109375	2.778			39	.609375	15.478
1/8	4	8	.125	3.175	5/8	20	40	.625	15.875
		9	.140625	3.572			41	.640625	16.272
	5	10	.15625	3.969		21	42	.65625	16.669
		11	.171875	4.366			43	.671875	17.066
3/16	6	12	.1875	4.763	11/16	22	44	.6875	17.463
		13	.203125	5.159			45	.703125	17.859
	7	14	.21875	5.556		23	46	.71875	18.256
		15	.234375	5.953			47	.734375	18.653
1/4	8	16	.25	6.350	3/4	24	48	.75	19.050
		17	.265625	6.747			49	.765625	19.447
	9	18	.28125	7.144		25	50	.78125	19.844
		19	.296875	7.541			51	.796875	20.241
5/16	10	20	.3125	7.938	13/16	26	52	.8125	20.638
		21	.328125	8.334			53	.828125	21.034
	11	22	.34375	8.731		27	54	.84375	21.431
		23	.359375	9.128			55	.859375	21.828
3/8	12	24	.375	9.525	7/8	28	56	.875	22.225
		25	.390625	9.922			57	.890625	22.622
	13	26	.40625	10.319		29	58	.90625	23.019
		27	.421875	10.716			59	.921875	23.416
7/16	14	28	.4375	11.113	15/16	30	60	.9375	23.813
		29	.453125	11.509			61	.953125	24.209
	15	30	.46875	11.906		31	62	.96875	24.606
		31	.484375	12.303			63	.984375	25.003
1/2	16	32	.5	12.700		32	64	1.	25.400

Tables, Gauges and Equivalents—Continued

Measures of Extension

Linear Measure

12 Inches (in.)	= 1 Foot	(ft.) = .3048 Meter
3 Feet	= 1 Yard	(yd.)
5 1/2 Yards or 16 1/2 ft.	= 1 Rod	(rd.)
320 Rods	= 1 Mile	(mi.)

1 Mile=320 rds. or 1,760 yds. or 5,280 ft. or 63,360 in.

Scale—320, 5 1/2, 3, 12.

Square Measure

144 Sq. Inches (sq. in.)	= 1 Square Foot	(sq. ft.) = .0929 Sq. Meter
9 Sq. Feet	= 1 Square Yard	(sq. yd.)
30 1/4 Sq. Yards	= 1 Square Rod	(sq. rd.)
160 Sq. Rods	= 1 Acre	(A.)
640 Acres	= 1 Sq. Mile	(sq. mi.)

1 Sq. Mi.=640 acres or 102,400 sq. rds. or 3,097,600 sq. yds. or 27,878,400 sq. ft. or 4,014,489,600 sq. in.

Scale—640, 160, 30 1/4, 9, 144.

Cubic Measure

1728 Cubic Inches (cu. in.)	= 1 Cubic Foot	(cu. ft.) = .02832 Cu. Meter
27 Cubic Feet	= 1 Cubic Yard	(cu. yd.)
128 Cubic Feet	= 1 Cord	(C.)

1 Cu. Yard=27 cu. ft. or 46,656 cu. inches.

Scale—27, 1728

Tables, Gauges and Equivalents—Continued

Metric System

Measures of Length

The unit of length is the meter

Table

10 Millimeters (mm.)	= 1 Centimeter	(cm.)	= .3937079	in.
10 Centimeters	= 1 Decimeter	(dm.)	= 3.937079	in.
10 Decimeters	= 1 Meter	(m.)	= 39.37079	in.
10 Meters	= 1 Dekameter	(Dm.)	= 32.80899	ft.
10 Dekameters	= 1 Hektometer	(Hm.)	= 19.92781	rd.
10 Hektometers	= 1 Kilometer	(Km.)	= .621382	mi.
10 Kilometers	= 1 Myriameter	(Mm.)	= 6.21382	mi.

Measures of Surface

The principal unit is the square meter.

Table

100 Sq. Millimeters	= 1 Sq. Centimeter	= .155 plus sq. in.
100 Sq. Centimeters	= 1 Sq. Decimeter	= 15.5 plus sq. in.
100 Sq. Decimeters	= 1 Sq. Meter	= 10.7637 sq. ft.
100 Sq. Meters	= 1 Sq. Dekameter	= 119.6034 sq. yd.
100 Sq. Dekameters	= 1 Sq. Hektometer	= 2.47114 Acres
100 Sq. Hektometers	= 1 Sq. Kilometer	= 247.114A or .3861 Sq. Mi.

Measures of Volume

The principal unit is the cubic meter, = 1.308 cu. yds.

1000 Cu. Millimeters (cu. mm.)	= 1 Cu. Centimeter	(cu. cm.)
1000 Cu. Centimeters	= 1 Cu. Decimeter	(cu. dm.)
1000 Cu. Decimeters	= 1 Cu. Meter	(cu. m.)

Measures of Weight

The principal unit is the gram.

			Avoirdupois
10 Milligrams (mg.)	= 1 Centigram (cg.)	=	.15432 plus gr.
10 Centigrams	= 1 Decigram (dg.)	=	1.54324 plus gr.
10 Decigrams	= 1 Gram (g.)	=	15.43248 plus gr.
10 Grams	= 1 Dekagram (Dg.)	=	.35273 plus oz.
10 Dekagrams	= 1 Hektogram (Hg.)	=	3.52739 plus oz.
10 Hektograms	= 1 Kilogram (Kg.)	=	2.20462 plus lb.
10 Kilograms	= 1 Myriagram (Mg.)	=	22.04621 plus lb.
10 Myriagrams	= 1 Quintal (Q.)	=	220.46212 plus lb.
10 Quintals	= 1 Tonneau (T.)	=	2204.62125 plus lb.

Tables, Gauges and Equivalents—Continued

Conversion Table of Millimeters to Inches

Millimeters	Equivalent in Inches	Millimeters	Equivalent in Inches
1	0.03,937	51	2.00,787
2	0.07,874	52	2.04,724
3	0.11,811	53	2.08,661
4	0.15,748	54	2.12,598
5	0.19,685	55	2.16,535
6	0.23,622	56	2.20,472
7	0.27,559	57	2.24,409
8	0.31,496	58	2.28,346
9	0.35,433	59	2.32,283
10	0.39,370	60	2.36,220
11	0.43,307	61	2.40,157
12	0.47,244	62	2.44,094
13	0.51,181	63	2.48,031
14	0.55,118	64	2.51,968
15	0.59,055	65	2.55,905
16	0.62,992	66	2.59,842
17	0.66,929	67	2.63,779
18	0.70,866	68	2.67,716
19	0.74,803	69	2.71,653
20	0.78,740	70	2.75,590
21	0.82,677	71	2.79,527
22	0.86,614	72	2.83,464
23	0.90,551	73	2.87,401
24	0.94,488	74	2.91,338
25	0.98,425	75	2.95,275
26	1.02,362	76	2.99,212
27	1.06,299	77	3.03,149
28	1.10,236	78	3.07,086
29	1.14,173	79	3.11,023
30	1.18,110	80	3.14,960
31	1.22,047	81	3.18,897
32	1.25,984	82	3.22,834
33	1.29,921	83	3.26,771
34	1.33,858	84	3.30,708
35	1.37,795	85	3.34,645
36	1.41,732	86	3.38,582
37	1.45,669	87	3.42,519
38	1.49,606	88	3.46,456
39	1.53,543	89	3.50,393
40	1.57,480	90	3.54,330
41	1.61,417	91	3.58,267
42	1.65,354	92	3.62,204
43	1.69,291	93	3.66,141
44	1.73,228	94	3.70,078
45	1.77,165	95	3.74,015
46	1.81,102	96	3.77,952
47	1.85,039	97	3.81,889
48	1.88,976	98	3.85,826
49	1.92,913	99	3.89,763
50	1.96,850	100	3.93,700

Tables, Gauges and Equivalents—Continued

Decimal Fractions of a Linear Inch in Millimeters

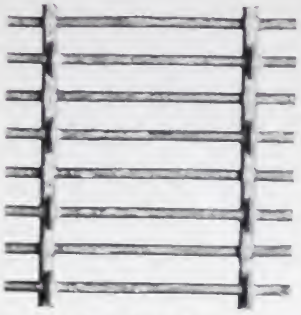
Inch	Millimeters	Inch	Millimeters	Inch	Millimeters	Inch	Millimeters
.01	.254	.29	7.366	.57	14.478	.85	21.590
.02	.508	.30	7.620	.58	14.732	.86	21.844
.03	.762	.31	7.874	.59	14.986	.87	22.098
.04	1.016	.32	8.128	.60	15.240	.88	22.352
.05	1.270	.33	8.382	.61	15.494	.89	22.606
.06	1.254	.34	8.636	.62	15.748	.90	22.860
.07	1.778	.35	8.890	.63	16.002	.91	23.114
.08	2.032	.36	9.114	.64	16.256	.92	23.368
.09	2.286	.37	9.398	.65	16.510	.93	23.622
.10	2.540	.38	9.652	.66	16.764	.94	23.876
.11	2.794	.39	9.906	.67	17.018	.95	24.130
.12	3.048	.40	10.160	.68	17.272	.96	24.384
.13	3.302	.41	10.414	.69	17.526	.97	24.638
.14	3.556	.42	10.668	.70	17.780	.98	24.892
.15	3.810	.43	10.922	.71	18.034	.99	25.146
.16	4.064	.44	11.176	.72	18.288	1.00	25.400
.17	4.318	.45	11.430	.73	18.542	2.00	50.799
.18	4.572	.46	11.684	.74	18.796	3.00	76.199
.19	4.826	.47	11.938	.75	19.050	4.00	101.598
.20	5.080	.48	12.192	.76	19.304	5.00	126.998
.21	5.334	.49	12.446	.77	19.558	6.00	152.397
.22	5.588	.50	12.700	.78	19.812	7.00	177.797
.23	5.842	.51	12.945	.79	20.066	8.00	203.196
.24	6.096	.52	13.208	.80	20.320	9.00	228.596
.25	6.350	.53	13.462	.81	20.574	10.00	253.995
.26	6.604	.54	13.716	.82	20.828	11.00	279.395
.27	6.858	.55	13.970	.83	21.082	12.00	304.794
.28	7.112	.56	14.224	.84	21.336	or 1 ft.	

Metric Conversion

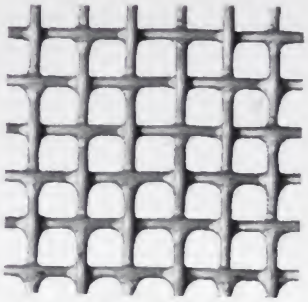
Millimeters x .03937 = inches
Millimeters ÷ 25.4 = inches
Centimeters x .3937 = inches
Centimeters ÷ 2.54 = inches
Meters x 3.281 = feet
Meters x 1.094 = yards
Kilometers x .621 = miles
Kilometers x 3280.7 = feet
Square Millimeters x .00155 = square inches
Square Millimeters ÷ 645.1 = square inches
Square Centimeters x .155 = square inches
Square Centimeters ÷ 6.451 = square inches
Square Meters x 10.764 = square feet
Square Kilometers x 247.1 = acres
Hectares x 2.471 = acres
Cubic Centimeters ÷ 16.383 = cubic inches
Cubic Meters x 35.315 = cubic feet
Cubic Meters x 1.308 = cubic yards
Grammes per cubic cent. ÷ 27.7 = pounds per cubic inch
Kilograms x 2.2046 = pounds
Kilograms ÷ 1102.3 = tons (2,000 pounds)

"BUFFALO" Galvanized Wire Cloth

2 x 2 Mesh No. 15 W & M gauge (.072") wire, Galvanized



1 x 5 Mesh Galvanized Pea Screen



4 x 4 Mesh No. 16 W & M gauge (.063") wire, Galvanized

THE wide experience we have attained by years of operation of our galvanizing department makes possible the furnishing of Galvanized after woven wire cloth which is second to none on the market. After carefully weaving the steel wire cloth from the best wire obtainable, the cloth is pickled in various acids which thoroughly neutralize all foreign substances, then subjected to a bath of the purest spelter or zinc, which not only adheres firmly to the steel (on account of our thorough process), but also completely covers or "solders" each and every intersection of the wires.

Thus the fabric is rendered absolutely rust-proof and firm, therefore capable of withstanding considerable more wear than plain steel cloth, besides presenting a smoother surface, so necessary in many cases.

Meshes finer than 8x8 cannot be satisfactorily galvanized after weaving, inasmuch as a majority of the meshes fill up with the molten spelter, but such meshes can be woven from galvanized wire as can any of the coarser meshes; therefore be particular to specify whether the cloth is required *galvanized before* or *after weaving*.

"BUFFALO" Standard Galvanized Hardware Grade Wire Cloth

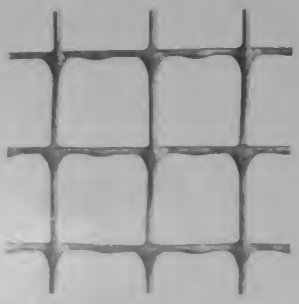
THIS cloth is put up in rolls 24 to 48" wide (in even inches, i. e. 24, 26, 28, 30, 32, etc.) and 100 feet long.

For the convenience of some of our customers we furnish it in half rolls containing 50 linear feet at a small advance over full roll price. We also furnish widths narrower than 24" and wider than 48"—up to and including 72", at slightly higher price to cover difference in weaving cost.

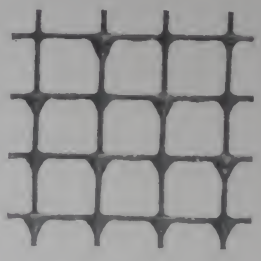
All of the meshes are carefully woven on improved power looms (insuring accurate mesh and uniform selvedge), then thoroughly galvanized. The latter operation securely solders with spelter each intersection or crossing of the wires, making the cloth firm and absolutely impervious to corrosion from moisture.

Possibly no style of cloth is put to so many uses as "BUFFALO" standard galvanized hardware grade. Its adaptability, together with low cost, makes this possible.

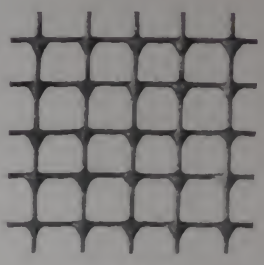
"Buffalo" Standard Galvanized Hardware Grade Wire Cloth—Continued



2 x 2 Mesh



3 x 3 Mesh

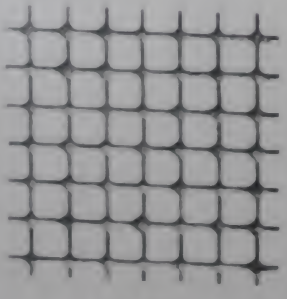


4 x 4 Mesh

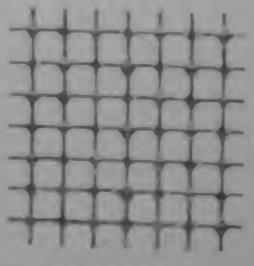
A great many consumers and users of wire cloth confuse the term "hardware grade" with all material galvanized after woven. It should be borne in mind that the term "hardware grade" indicates the light grade of wire cloth which is universally sold by hardware stores to the consumer for purposes such as covering cellar windows, re-covering ash sifters, etc., and has no bearing whatever on the fact that the material is galvanized.

Example: To specify 2 mesh No. 15 W. & M. gauge .072 wire as "hardware grade" would be misleading owing to the fact that No. 15 W. & M. gauge or .072 wire in a 2 mesh is considerably heavier also higher priced than the regular 2 mesh standard hardware grade wire cloth; whereas, if 2 mesh standard galvanized hardware grade wire cloth is desired it would be furnished in No. 18 W. & M. gauge or .0475 wire. Therefore, in order to avoid any possibility of error and to ascertain whether hardware grade is wanted or not, we show below the following sizes of wire which "BUFFALO" standard galvanized hardware grade wire cloth gauges after being galvanized.

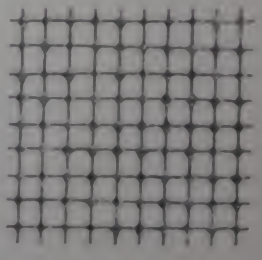
2 mesh No. 18 W. & M. gauge .0475
2 ½ mesh No. 19 W. & M. gauge .0410
3 mesh No. 20 W. & M. gauge .0348
3 ½ mesh No. 21 W. & M. gauge .0317
4 mesh No. 22 W. & M. gauge .0286
5 mesh No. 23 W. & M. gauge .0258
6 mesh No. 24 W. & M. gauge .0230
8 mesh No. 26 W. & M. gauge .0181



5 x 5 Mesh

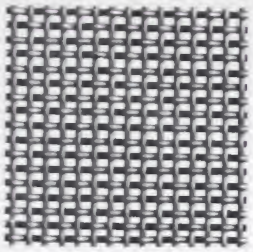


6 x 6 Mesh



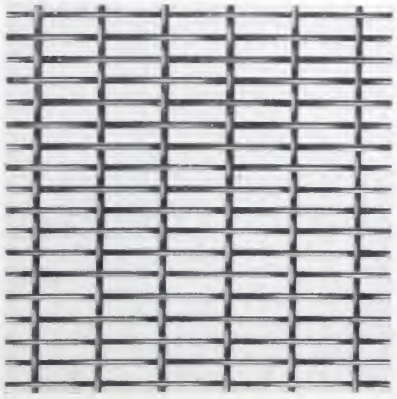
8 x 8 Mesh

"BUFFALO" Rice Mill Cloth



12 x 14 Mesh No. 19 and 20 W & M Gauge (.041" and .035")
Steel Wire, Brush Cloth

ONE of our specialties is brush cloth for rice mill use. Special tempered wire is used in the manufacture of this to enable the fabric to withstand the severe usage it receives. While we regularly carry the 12x14 mesh in stock 20 and 40 inches wide, we can readily make up special widths or meshes promptly.

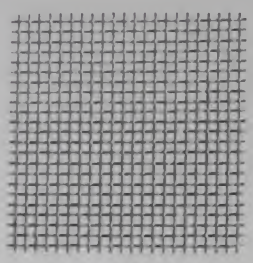


9 x 3 Mesh Tinned

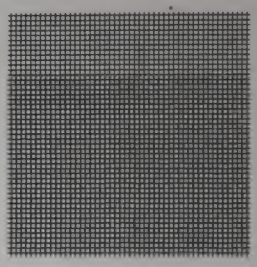
"BUFFALO" Grain and Flax Screens

Aside from the meshes listed on page 32 we have numerous calls for such meshes as 4x16, 4x20, 6x30 and 6x40; we therefore respectfully solicit inquiries for special meshes, being pleased at all times to submit samples showing the uniform mesh and quality of our product.

"BUFFALO" Tinned Milling Grade Wire Cloth



18 Mesh Tinned



40 Mesh Tinned

THIS is woven of the best grade of steel wire heavily coated with tin, on improved power looms, thus producing a fabric with absolutely uniform meshes,—a very desirable and necessary feature for this purpose. The heavy coat of tin greatly enhances free bolting, therefore adding quantity to quality, giving the greatest satisfaction to our trade.

To meet the varied demand for these goods, we carry all of the meshes listed 15, 16, 18, 20, 24, 28, 30, 32 and 36 inches wide, but we are prepared to make special widths on short notice.

Samples will be furnished freely upon application.

List Price of "BUFFALO" Tinned Milling Grade Wire Cloth

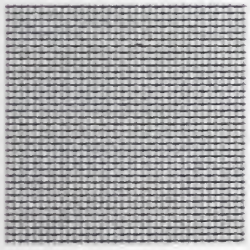
Mesh	No. of Wire W & M Ga.	Decimal Size Wire	Decimal Size Opening	List per sq. ft.
2 x 2	17	.054	.446	17c.
3 x 3	19	.041	.292	17c.
4 x 4	20	.035	.215	17c.
5 x 5	21	.032	.168	19c.
6 x 6	22	.028	.139	19c.
7 x 7	22	.028	.115	22c.
8 x 8	23	.025	.100	22c.
9 x 9	24	.023	.088	22c.
10 x 10	25	.020	.080	22c.
12 x 12	26	.018	.065	22c.
14 x 14	27	.017	.054	22c.
16 x 16	28	.016	.0465	22c.
18 x 18	29	.015	.0406	27c.
20 x 20	30	.014	.036	28c.
22 x 22	31	.0135	.032	29c.
24 x 24	32	.013	.0287	29c.
26 x 26	33	.011	.027	29c.
28 x 28	34	.010	.0257	31c.
30 x 30	35	.0095	.0238	36c.
32 x 32	36	.009	.0223	36c.
34 x 34	36	.009	.0204	39c.
36 x 36	36	.009	.0188	42c.
40 x 40	37	.0085	.0165	45c.
45 x 45	38	.008	.0142	55c.
50 x 50	39	.0075	.0125	60c.
55 x 55	40	.007	.0111	80c.
60 x 60	41	.0066	.0101	85c.
64 x 64	41	.0066	.009	95c.
70 x 70	42	.0062	.0081	95c.

"Buffalo" Tinned Milling Grade Wire Cloth—Continued

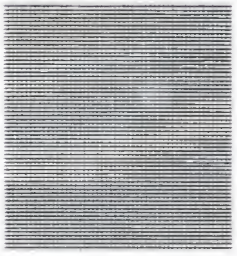
In Wire Cloth the following table will show the comparative size of meshes with Silk Bolting Cloth

18 x 18	Mesh	Wire	Cloth	equals	No.	0000	Silk	Bolting	Cloth
20 x 20	"	"	"	"	"	000	"	"	"
26 x 26	"	"	"	"	"	00	"	"	"
32 x 32	"	"	"	"	"	0	"	"	"
40 x 40	"	"	"	"	"	1	"	"	"
45 x 45	"	"	"	"	"	2	"	"	"
50 x 50	"	"	"	"	"	3	"	"	"
56 x 56	"	"	"	"	"	4	"	"	"
60 x 60	"	"	"	"	"	5	"	"	"
64 x 64	"	"	"	"	"	6	"	"	"
70 x 70	"	"	"	"	"	7	"	"	"
80 x 80	"	"	"	"	"	8	"	"	"

"Buffalo" Heavy Tempered Steel Bran Duster Wire Cloth



30 Mesh No. 30 W & M Gauge (.014") Steel Bran Duster



50 Mesh No. 35 W & M Gauge (.0095") Steel Bran Duster

IN manufacturing this grade of cloth we use special tempered steel wire to give durability to the cloth in performing its heavy function of dusting and scouring. After weaving it is blued with a special preparation which effectually prevents rust and corrosion making it superior in every respect to any on the market.

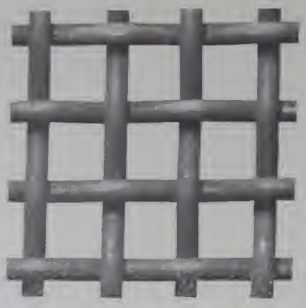
While it is used extensively by the flour milling trade it is also required in the manufacture of cement, plaster, abrasives, carbon and for many other purposes, where a durable rigid fabric is needed.

Regularly carried in 15, 18, and 24 inch widths, although special widths, meshes and sizes of wire can be woven to order.

List Price of "Buffalo" Bran Duster Grade

Mesh	No. of Wire W & M Gauge	Decimal Size Wire	Decimal Size Opening	List per sq. ft.
30 x 30	30	.014	.0193	42c.
35 x 35	32	.013	.0156	45c.
40 x 40	33	.011	.014	50c.
45 x 45	34	.010	.0122	65c.
50 x 50	35	.0095	.0105	70c.
55 x 55	36	.009	.0092	85c.
60 x 60	39	.0075	.0092	90c.
64 x 64	40	.007	.0086	95c.
70 x 70	41	.0066	.0077	$1.00
74 x 74	41	.0066	.0069	1.10
80 x 80	41	.0066	.0063	1.30
90 x 90	44	.0058	.0053	1.50

"BUFFALO" Locomotive Steel Stack Netting



2½ Mesh No. 11 W & M Gauge (.120″) Locomotive Stack Netting

3 x 1¾ Mesh No. 10 W & M Gauge (.135″) Locomotive Stack Netting

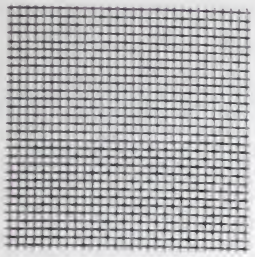
WHILE we give here a list of the general sizes used for this purpose, it is customary for each railroad or master-mechanic to furnish their own specifications. We are therefore equipped to furnish locomotive netting in either square or oblong mesh in any width to best suit requirements, but the meshes we list are carried in regular stock widths, as well as 54″, 60″ and 72″.

This material, when sold in large quantities, is usually purchased by the pound instead of per square foot, in which manner we will gladly quote upon receipt of specifications.

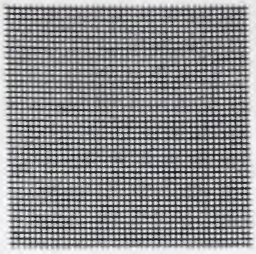
List of "BUFFALO" Locomotive Stack Netting Generally Used

Mesh	No. of Wire W & M Gauge	Decimal Size Wire	Decimal Size Opening
2 x 2	9	.148	.352
2 1/2 x 2 1/2	10	.135	.265
2 1/2 x 2 1/2	11	.120	.280
2 1/2 x 2 1/2	12	.105	.295
2 1/2 x 2 1/2	13	.092	.308
3 x 3	10	.135	.198
3 x 3	11	.120	.213
3 x 3	12	.105	.228
3 x 3	13	.092	.241
3 1/2 x 3 1/2	11	.120	.166
3 1/2 x 3 1/2	12	.105	.181
3 1/2 x 3 1/2	13	.092	.194
3 1/2 x 3 1/2	14	.080	.206
4 x 4	12	.105	.145
4 x 4	13	.092	.158

"BUFFALO" Sleeping Car Ventilator Wire Cloth



24 Mesh No. 30 O. E. Gauge (.0137") Copper Ventilator Wire Cloth



35 Mesh No. 32 O. E. Gauge (.0112") Copper Ventilator Wire Cloth

THE various railroads throughout the country use a great variety of meshes and metals—such as steel, brass or copper, each road having its own specifications.

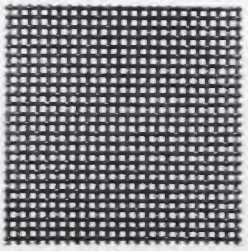
For this reason we have found it impossible to work out a satisfactory list to meet all conditions.

Prices, therefore, depend on specifications—including if possible a sample showing exact requirements.

This grade of wire cloth is principally used to keep out dust, soot, etc., from the interior of coaches and sleeping cars.

"BUFFALO" Heavy Mining Grade Steel Wire Cloth

8 Mesh No. 16 W & M Gauge (.063") Steel Mining Wire Cloth

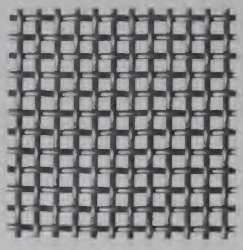


20 Mesh No. 24 W & M Gauge (.023") Steel Mining Wire Cloth

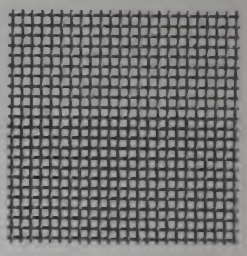
POSSESSING the greatest durability, necessary for long life, and being uniformly crimped and woven is capable of withstanding the most severe tests; ideal for use where uniformity of product is necessary as in mills, jigs, etc.

This grade can be furnished in all widths up to and including 72" in meshes as fine as 10x10; the finer meshes up to 48" wide only.

"BUFFALO" Light Mining Grade or Bolting Steel Wire Cloth



10 Mesh No. 20 W & M Gauge (.035") Light Mining or Bolting Steel Wire Cloth

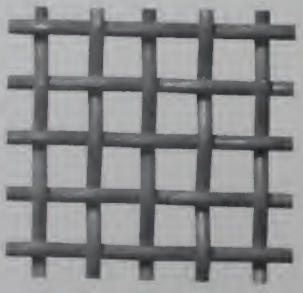


20 Mesh No. 26 W & M Gauge (.018") Light Mining or Bolting Steel Wire Cloth

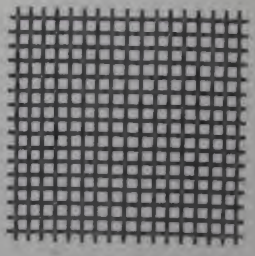
FOR screening and grading coal and ore, and in various mining operations. Woven with great care, each mesh is perfect, thus insuring uniformity of product.

While we carry all of this grade in regular stock widths, a great many of the coarser meshes are also stocked in 54, 60 and 72 inch widths.

"BUFFALO" Machinery Grade Steel Wire Cloth



3½ Mesh No. 14 W & M Gauge (.080") Steel Wire Cloth

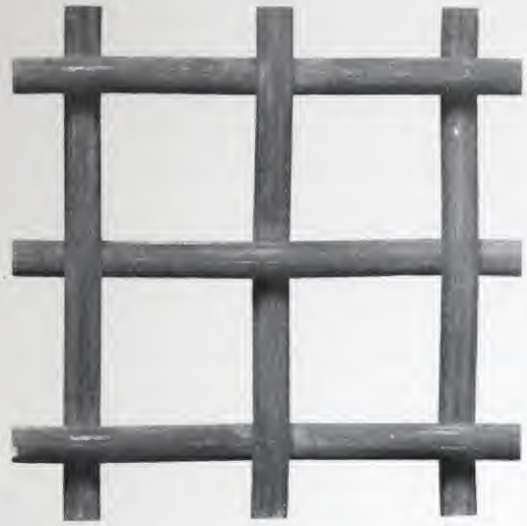


14 Mesh No. 23 W & M Gauge (.025") Steel Wire Cloth

PARTICULARLY adapted for use in machinery for screening and grading Phosphate, Lime, Cement, Chemicals, and various other materials, where great durability, combined with large screening capacity is wanted. The results obtained are more satisfactory than by the use of perforated metal, the output by use of wire cloth being more than doubled, with quality of product improved.

Regular stock widths constantly on hand.

"BUFFALO" Coal and Gravel Screen Grades



3/4" Space, No. 6 W. & M. Gauge, (.192")
Coal Screen Wire Cloth

1" Space, No. 4 W. & M. Gauge, (.225")
Coal Screen Wire Cloth

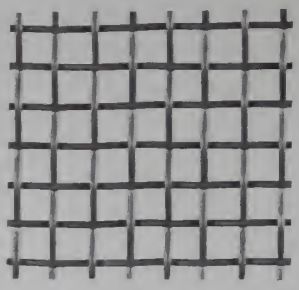
BELOW we list the various spaces used for this purpose. Particular attention is drawn to the term "space" which is used because the greater number of sizes cannot be conveniently described by the term "mesh", which term applies only to the finer textures. (See page 10.)

Wire screens are fast replacing perforated metal not only on account of greater durability but also by reason of the greatly increased capacity as can plainly be seen.

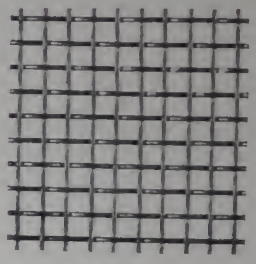
	No. of Wire	Diam. of Rod or Wire Decimal of an Inch		
4 inch space	11/16" rod	.687"		
3 1/2 inch space	9/16" rod	.562"		
3 inch space	7/16" rod	.437"		
2 1/2 inch space	No. 000 W. & M. gauge	.362"	approximately	3/8"
2 inch space	No. 00 W. & M. gauge	.331"	"	11/32"
1 3/4 inch space	No. 0 W. & M. gauge	.306"	"	5/16"
1 1/2 inch space	No. 1 W. & M. gauge	.283"	"	9/32"
1 1/4 inch space	No. 2 W. & M. gauge	.262"	"	17/64"
1 inch space	No. 4 W. & M. gauge	.225"	"	7/32"
3/4 inch space	No. 6 W. & M. gauge	.192"	"	3/16"
5/8 inch space	No. 8 W. & M. gauge	.162"	"	5/32"
1/2 inch space	No. 10 W. & M. gauge	.135"	"	1/7"
3/8 inch space	No. 11 W. & M. gauge	.120"	"	1/8"
1/4 inch space	No. 13 W. & M. gauge	.092"	"	1/11"
3/16 inch space	No. 13 W. & M. gauge	.092"	"	1/11"

On page 67 will be found description of coal and gravel screens made up complete.

"BUFFALO" Foundry Grade Steel Wire Cloth



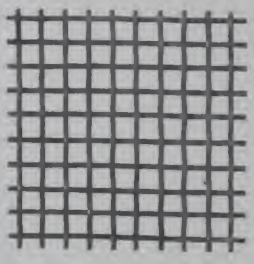
5 Mesh, No. 19 W. & M. Gauge, (.041") Steel Wire Cloth



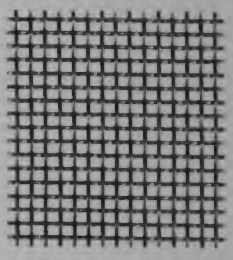
8 Mesh, No. 22 W. & M. Gauge, (.028") Steel Wire Cloth

Where durability is wanted for foundry use, we are prepared to furnish this grade, which is carried in regular stock widths.

"BUFFALO" Medium Foundry Grade Steel Wire Cloth



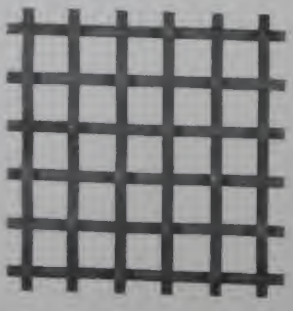
8 Mesh, No. 21 W. & M. Gauge, (.032") Steel Wire Cloth



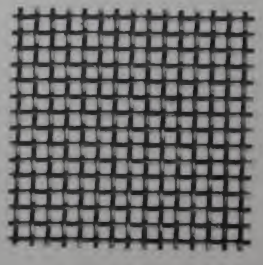
14 Mesh, No. 25 W. & M. Gauge, (.020") Steel Wire Cloth

A more durable grade of cloth, particularly adapted for Brickyard and heavy foundry use. Carried in regular stock widths.

"BUFFALO" Heavy Foundry Grade Steel Wire Cloth



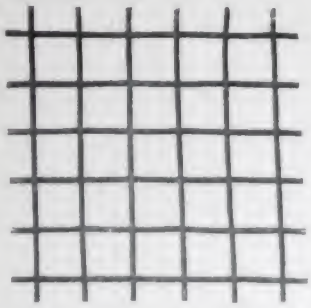
4 Mesh, No. 16 W. & M. Gauge, (.063") Steel Wire Cloth



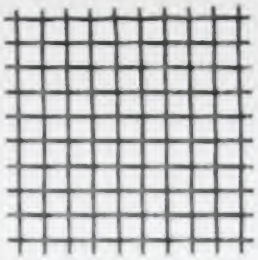
12 Mesh, No. 23 W. & M. Gauge, (.025") Steel Wire Cloth

The most durable grade for foundry purposes, capable of withstanding the most strenuous use. This grade is also extensively used for making spark arresters for tractors, farm engines, and saw mill stacks. Furnished in regular stock widths, but, like other grades, can be woven specially any width to suit requirements.

"BUFFALO" Riddle Grade Steel Wire Cloth



4 Mesh, No. 20 W. & M. Gauge, (.035")
Steel Wire Cloth

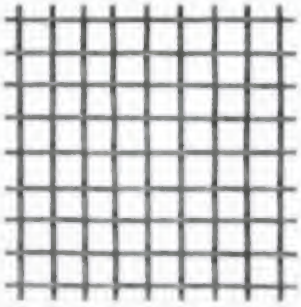


8 Mesh, No. 24 W. & M. Gauge, (.023")
Steel Wire Cloth

Foundry sand, Gravel, etc. are screened with this grade; it enters into the manufacture of foundry riddles and sand and gravel screens, of which we make an extensive variety. Carried in regular stock widths—also 19 and 21 inch widths. See pages 67, 68, 69 and 70 for description of Foundry riddles and Sand and Gravel Screens made up complete.

"BUFFALO" Heavy Riddle Grade Steel Wire Cloth

2 Mesh, No. 15 W. & M. Gauge, (.072")
Steel Wire Cloth

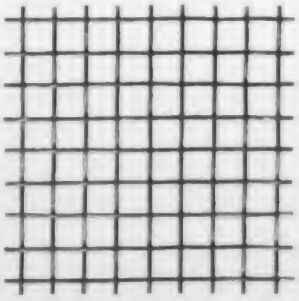


6 Mesh, No. 21 W. & M. Gauge, (.032")
Steel Wire Cloth

This grade is used extensively on power sieves or riddles and automatic screening machines. Regular stock widths are carried, but special widths can be woven promptly.

"BUFFALO" Hardware Grade Steel Wire Cloth

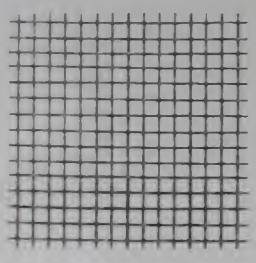
2½ Mesh, No. 18 W. & M. Gauge, (.047")
Steel Wire Cloth



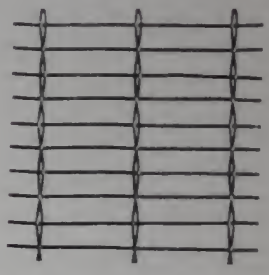
6 Mesh, No. 23 W. & M. Gauge, (.025")
Steel Wire Cloth

For screening sand, heavy grain and for use in sieves for many purposes. Carried in regular stock widths.

"BUFFALO" Market Grade or Fanning Mill Steel Wire Cloth



12 Mesh No. 29 W & M Gauge (.015") Fanning Mill Steel Wire Cloth



2 x 8 Mesh Twist Warp Fanning Mill Steel Wire Cloth

Used for screening grain and seeds of various kinds and for fanning mill purposes. For the latter we carry the long meshes in stock 21 and 24 inches wide; the square meshes can be had up to 36 inches wide.

We are prepared to make to order, any desired mesh not found listed below.

List Price of "BUFFALO" Market Grade or Fanning Mill Steel Wire Cloth

Mesh	No. of Wire W & M Gauge	Decimal Size Wire	Decimal Size Opening	List per sq. ft.
2 x 2	18	.047	.453	10c.
2 1/2 x 2 1/2	19	.041	.359	10c.
3 x 3	20	.035	.298	10c.
3 1/2 x 3 1/2	21	.032	.254	10c.
4 x 4	22	.028	.222	10c.
5 x 5	23	.025	.175	10c.
6 x 6	24	.023	.144	10c.
7 x 7	25	.020	.123	10c.
8 x 8	26	.018	.107	10c.
9 x 9	27	.017	.094	10c.
10 x 10	28	.016	.084	10c.
12 x 12	29	.015	.068	10c.
14 x 14	31	.0135	.0575	10c.
16 x 16	33	.011	.0515	10c.
18 x 18	35	.0095	.0461	13c.
20 x 20	36	.009	.041	16c.

List Price of "BUFFALO" Long Mesh Fanning Mill Steel Wire Cloth

Mesh	Per sq. ft.	Mesh	Per sq. ft.	Mesh	Per sq. ft.	Mesh	Per sq. ft.
1 x 2	10c.	3/4 x 2 1/2	10c.	3/4 x 9	10c.	2 x 8 1/2	10c.
1 x 2 1/2	10c.	3/4 x 3	10c.	2 x 3	10c.	2 x 9	10c.
1 x 3	10c.	3/4 x 3 1/2	10c.	2 x 3 1/2	10c.	2 x 9 1/2	10c.
1 x 3 1/2	10c.	3/4 x 4	10c.	2 x 4	10c.	2 x 10	10c.
1 x 4	10c.	3/4 x 4 1/2	10c.	2 x 5	10c.	2 x 11	10c.
1 x 5	10c.	3/4 x 5	10c.	2 x 6	10c.	2 x 12	10c.
1 x 6	10c.	3/4 x 6	10c.	2 x 7	10c.	2 x 14	10c.
3/4 x 2	10c.	3/4 x 8	10c.	2 x 8	10c.	3/8 x 5 1/2	10c.

List Showing Meshes Generally Used For Cleaning and Screening Various Seeds, Etc.

For Wheat	4 x 5, 4 x 4, or 5 x 5
For Corn and Oats	3/4 x 2 and 2 x 2
For Rye	3 x 3
For Cockle	8 x 8 or 9 x 9
For Peas	2 x 4 or 2 x 5
For Clover	13 x 13 or 14 x 14
For Timothy	16 x 16, 18 x 18 or 20 x 20
For Cheat	2 x 9, 10 or 12, or 3 x 10, 11 or 12
For Flax	4 x 13, 4 x 14 or 4 x 16

Fanning Mill Sieves

Mesh		
7 x 7	—	Seed
8 x 8	—	Seed
9 x 9	—	Market
10 x 10	—	Mustard from Wheat
12 x 12	—	Mustard from Wheat
13 x 13	—	Clover
14 x 14	—	Clover
16 x 16	—	Alsike
18 x 18	—	Alsike
20 x 20	—	Alsike
22 x 22	—	Alsike
24 x 24	—	Alsike
3/4 x 2	—	Chaffer or Corn
3/4 x 5	—	Oats and Barley
3/8 x 5 1/2	—	Wheat
3/4 x 5	—	Medium and Kidney Bean
3/4 x 4 1/2	—	Medium and Kidney Grading
3/4 x 4	—	Marrow Bean
3/4 x 3 1/2	—	Seed Marrow Bean
3/8 x 5 1/2	—	Marrow Pea Bean
3/4 x 8	—	Separating Oats from Barley
3/4 x 9	—	Separating Oats from Barley
2 x 10	—	For making Barley weigh heavier
2 x 11	—	Chess from Wheat
2 x 14	—	Flax Seed

"BUFFALO" Crimped Steel Wire Screen

2" Space No. 0 W. & M. Gauge (.307")

IT will be noted in the lists following that all of the different sizes are designated "Space"; this term is used for the reason that the openings are so large that they could not adequately be described as "Mesh". The term "Mesh" indicates the number of holes per linear inch, whereas "Space" or opening is the exact measurement between parallel wires. We urge that the utmost care be taken to specify in these coarser sizes whether space or mesh is required. (See page 10.) Selvedge edge on these spaces is not necessary, the crimp in the rods or wires being sufficient to prevent ravelling in either direction.

Crimped Steel Wire Screens are usually furnished in pieces of exact length and width, these dimensions not being limited except for convenience in handling and shipping.

Where occasion requires, screens can be shaped to any radius or shape for convenient application to revolving reels.

1" Space, No. 4 W. & M. Gauge, (.225")

5/16" Space, No. 12 W. & M. Gauge, (.105")

List Price of "BUFFALO" Double Crimped Heavy Steel Wire Screen

Opening or Space (See page 10)	No. of Wire W. & M. Gauge	Diameter of Rod or Wire	List Price per sq. ft.
4 inch Space	—	1 inch	$1.50
	—	3/4 inch	1.25
	—	11/16 inch	1.00
	—	5/8 inch	.90
	—	9/16 inch	.70
	—	1/2 inch	.60
	—	7/16 inch	.55
	000	3/8 inch	.50
3 3/4 inch Space	—	1 inch	$1.60
	—	3/4 inch	1.30
	—	11/16 inch	1.05
	—	5/8 inch	.95
	—	9/16 inch	.75
	—	1/2 inch	.65
	—	7/16 inch	.60
	000	3/8 inch	.50
	0	5/16 inch	.36
3 1/2 inch Space	—	1 inch	$1.65
	—	3/4 inch	1.35
	—	11/16 inch	1.10
	—	5/8 inch	1.00
	—	9/16 inch	.80
	—	1/2 inch	.70
	—	7/16 inch	.60
	000	3/8 inch	.55
	0	5/16 inch	.38
3 1/4 inch Space	—	1 inch	$1.75
	—	3/4 inch	1.45
	—	11/16 inch	1.20
	—	5/8 inch	1.05
	—	9/16 inch	.90
	—	1/2 inch	.75
	—	7/16 inch	.70
	000	3/8 inch	.55
	0	5/16 inch	.40
3 inch Space	—	1 inch	$1.85
	—	3/4 inch	1.55
	—	11/16 inch	1.30
	—	5/8 inch	1.10
	—	9/16 inch	.95
	—	1/2 inch	.85
	—	7/16 inch	.70
	000	3/8 inch	.60
	0	5/16 inch	.45
	3	1/4 inch	.35

List Price of "Buffalo" Double Crimped Heavy Steel Wire Screen—Continued

Opening or Space (See page 10)	No. of Wire W. & M. Gauge	Diameter of Rod or Wire	List Price per sq. ft.
2 3/4 inch Space	—	1 inch	$2.00
	—	3/4 inch	1.65
	—	11/16 inch	1.50
	—	5/8 inch	1.25
	—	9/16 inch	1.00
	—	1/2 inch	.90
	—	7/16 inch	.80
	000	3/8 inch	.65
	0	5/16 inch	.50
	3	1/4 inch	.38
2 1/2 inch Space	—	1 inch	$2.10
	—	3/4 inch	1.75
	—	11/16 inch	1.50
	—	5/8 inch	1.30
	—	9/16 inch	1.15
	—	1/2 inch	1.00
	—	7/16 inch	.85
	000	3/8 inch	.75
	0	5/16 inch	.55
	3	1/4 inch	.40
	4	.225 inch	.38
2 1/4 inch Space	—	1 inch	$2.15
	—	3/4 inch	1.85
	—	11/16 inch	1.65
	—	5/8 inch	1.40
	—	9/16 inch	1.25
	—	1/2 inch	1.10
	—	7/16 inch	.95
	000	3/8 inch	.80
	0	5/16 inch	.65
	3	1/4 inch	.50
	4	.225 inch	.40
	5	.207 inch	.38
2 inch Space	—	1 inch	$2.50
	—	3/4 inch	2.15
	—	11/16 inch	1.85
	—	5/8 inch	1.50
	—	9/16 inch	1.35
	—	1/2 inch	1.15
	—	7/16 inch	1.00
	000	3/8 inch	.90
	0	5/16 inch	.70
	3	1/4 inch	.55
	4	.225 inch	.45
	5	.207 inch	.40
	6	.192 inch	.38

List Price of "Buffalo" Double Crimped Heavy Steel Wire Screen—Continued

Opening or Space (See page 10)	No. of Wire W. & M. Gauge	Diameter of Rod or Wire	List Price per sq. ft.
1 3/4 inch Space	—	1 inch	$2.75
	—	3/4 inch	2.40
	—	11/16 inch	2.00
	—	5/8 inch	1.65
	—	9/16 inch	1.50
	—	1/2 inch	1.25
	—	7/16 inch	1.05
	000	3/8 inch	.95
	0	5/16 inch	.75
	3	1/4 inch	.60
	4	.225 inch	.48
	5	.207 inch	.42
	6	.192 inch	.38
1 1/2 inch Space	—	1 inch	$3.00
	—	3/4 inch	2.65
	—	11/16 inch	2.15
	—	5/8 inch	1.80
	—	9/16 inch	1.60
	—	1/2 inch	1.40
	—	7/16 inch	1.15
	000	3/8 inch	1.00
	0	5/16 inch	.80
	3	1/4 inch	.65
	4	.225 inch	.50
	5	.207 inch	.45
	6	.192 inch	.40
	7	.177 inch	.35
1 1/4 inch Space	—	3/4 inch	$3.15
	—	11/16 inch	2.50
	—	5/8 inch	2.00
	—	9/16 inch	1.70
	—	1/2 inch	1.50
	—	7/16 inch	1.35
	000	3/8 inch	1.15
	0	5/16 inch	.90
	3	1/4 inch	.70
	4	.225 inch	.55
	5	.207 inch	.48
	6	.192 inch	.42
	7	.177 inch	.38
1 inch Space	—	3/4 inch	$3.75
	—	11/16 inch	3.00
	—	5/8 inch	2.35
	—	9/16 inch	1.85
	—	1/2 inch	1.55
	—	7/16 inch	1.40
	000	3/8 inch	1.25
	0	5/16 inch	1.00
	3	1/4 inch	.75
	4	.225 inch	.60
	5	.207 inch	.50
	6	.192 inch	.45
	7	.177 inch	.40
	8	.162 inch	.35

List Price of "Buffalo" Double Crimped Heavy Steel Wire Screen—Continued

Opening or Space (See page 10)	No. of Wire W. & M. Gauge	Diameter of Rod or Wire	List Price per sq. ft.
7/8 inch Space	—	5/8 inch	$2.75
	—	9/16 inch	2.20
	—	1/2 inch	1.75
	—	7/16 inch	1.50
	000	3/8 inch	1.35
	0	5/16 inch	1.10
	3	1/4 inch	.80
	4	.225 inch	.70
	5	.207 inch	.55
	6	.192 inch	.50
	7	.177 inch	.45
	8	.162 inch	.40
3/4 inch Space	—	5/8 inch	$3.25
	—	9/16 inch	2.60
	—	1/2 inch	2.00
	—	7/16 inch	1.65
	000	3/8 inch	1.45
	0	5/16 inch	1.20
	3	1/4 inch	.90
	4	.225 inch	.75
	5	.207 inch	.65
	6	.192 inch	.55
	7	.177 inch	.48
	8	.162 inch	.42
	9	.148 inch	.38
5/8 inch Space	—	9/16 inch	$3.00
	—	1/2 inch	2.50
	—	7/16 inch	2.00
	000	3/8 inch	1.65
	0	5/16 inch	1.40
	3	1/4 inch	1.10
	4	.225 inch	.90
	5	.207 inch	.75
	6	.192 inch	.60
	7	.177 inch	.50
	8	.162 inch	.44
	9	.148 inch	.40
	10	.135 inch	.33
1/2 inch Space	—	7/16 inch	$2.50
	000	3/8 inch	2.00
	0	5/16 inch	1.60
	3	1/4 inch	1.20
	4	.225 inch	.95
	5	.207 inch	.80
	6	.192 inch	.68
	7	.177 inch	.60
	8	.162 inch	.48
	9	.148 inch	.42
	10	.135 inch	.35
	11	.120 inch	.32
	12	.105 inch	.28

List Price of "Buffalo" Double Crimped Heavy Steel Wire Screen—Continued

Opening or Space (See page 10)	No. of Wire W. & M. Gauge	Diameter of Rod or Wire	List Price per sq. ft.
7/16 inch Space	0	5/16 inch	$1.75
	1	9/32 inch	1.65
	2	17/64 inch	1.50
	3	1/4 inch	1.40
	4	.225 inch	1.00
	5	.207 inch	.85
	6	.192 inch	.73
	7	.177 inch	.67
	8	.162 inch	.53
	9	.148 inch	.45
	10	.135 inch	.38
	11	.120 inch	.32
	12	.105 inch	.30
3/8 inch Space	0	5/16 inch	$2.15
	1	9/32 inch	1.90
	2	17/64 inch	1.75
	3	1/4 inch	1.60
	4	.225 inch	1.10
	5	.207 inch	.90
	6	.192 inch	.80
	7	.177 inch	.70
	8	.162 inch	.55
	9	.148 inch	.48
	10	.135 inch	.42
	11	.120 inch	.35
	12	.105 inch	.32
5/16 inch Space	4	.225 inch	$1.50
	5	.207 inch	1.10
	6	.192 inch	.88
	7	.177 inch	.75
	8	.162 inch	.65
	9	.148 inch	.55
	10	.135 inch	.48
	11	.120 inch	.42
	12	.105 inch	.35
1/4 inch Space	4	.225 inch	$2.40
	5	.207 inch	1.65
	6	.192 inch	1.10
	7	.177 inch	.90
	8	.162 inch	.70
	9	.148 inch	.60
	10	.135 inch	.55
	11	.120 inch	.48
	12	.105 inch	.40
	13	.092 inch	.35
3/16 inch Space	6	.192 inch	$1.70
	7	.177 inch	1.10
	8	.162 inch	.90
	9	.148 inch	.75
	10	.135 inch	.65
	11	.120 inch	.55
	12	.105 inch	.50
	13	.092 inch	.45

List Price of "BUFFALO" Steel or Galvanized Wire Cloth

Mesh (See page 9)	No. of Wire W. & M. Gauge	Diameter of Wire Decimal of inch	Size of Opening Decimal of inch	List Price per sq. ft.
1 x 1 Mesh	0	.307	.693	$1.40
	1	.283	.717	1.20
	2	.263	.737	1.05
	3	.244	.756	.88
	4	.225	.775	.73
	5	.207	.793	.60
	6	.192	.808	.50
	7	.177	.823	.44
	8	.162	.838	.38
	9	.148	.852	.32
	10	.135	.865	.28
	11	.120	.880	.24
	12	.105	.895	.20
	13	.092	.908	.15
	14	.080	.920	.12
	15	.072	.928	.10
3/4 x 3/4 Mesh	1	.283	.467	$1.40
	2	.263	.487	1.20
	3	.244	.506	1.05
	4	.225	.525	.88
	5	.207	.543	.73
	6	.192	.558	.60
	7	.177	.573	.50
	8	.162	.588	.42
	9	.148	.602	.38
	10	.135	.615	.32
	11	.120	.630	.27
	12	.105	.645	.22
	13	.092	.658	.17
	14	.080	.670	.14
	15	.072	.678	.12
	16	.063	.687	.10
5/8 x 5/8 Mesh	2	.263	.362	$1.40
	3	.244	.381	1.20
	4	.225	.400	1.05
	5	.207	.418	.88
	6	.192	.433	.73
	7	.177	.448	.60
	8	.162	.463	.50
	9	.148	.477	40
	10	.135	.490	.35
	11	.120	.505	.30
	12	.105	.520	.25
	13	.092	.533	.20
	14	.080	.545	.17
	15	.072	.553	.14
	16	.063	.562	.12
	17	.054	.571	.10
	18	.047	.578	.09

List Price of "Buffalo" Steel or Galvanized Wire Cloth—Continued

Mesh (See page 9)	No. of Wire W. & M. Gauge	Diameter of Wire Decimal of inch	Size of Opening Decimal of inch	List Price. per sq. ft
2 x 2 Mesh	4	.225	.275	$1.35
	5	.207	.293	1.10
	6	.192	.308	.88
	7	.177	.323	.75
	8	.162	.338	.60
	9	.148	.352	.50
	10	.135	.365	.42
	11	.120	.380	.35
	12	.105	.395	.30
	13	.092	.408	.25
	14	.080	.420	.20
	15	.072	.428	.17
	16	.063	.437	.14
	17	.054	.446	.12
	18	.047	.453	.10
	19	.041	.459	.09
2 1/2 x 2 1/2 Mesh	6	.192	.208	$1.30
	7	.177	.223	.90
	8	.162	.238	.72
	9	.148	.252	.60
	10	.135	.265	.50
	11	.120	.280	.42
	12	.105	.295	.35
	13	.092	.308	.30
	14	.080	.320	.25
	15	.072	.328	.20
	16	.063	.337	.17
	17	.054	.346	.14
	18	.047	.353	.12
	19	.041	.359	.10
	20	.035	.365	.09
3 x 3 Mesh	8	.162	.171	$1.00
	9	.148	.185	.75
	10	.135	.198	.60
	11	.120	.213	.50
	12	.105	.228	.40
	13	.092	.241	.35
	14	.080	.253	.30
	15	.072	.261	.25
	16	.063	.270	.20
	17	.054	.279	.17
	18	.047	.286	.14
	19	.041	.292	.12
	20	.035	.298	.10
	21	.032	.301	.09

List Price of "Buffalo" Steel or Galvanized Wire Cloth—Continued

Mesh (See page 9)	No. of Wire W. & M. Gauge	Diameter of Wire Decimal of inch	Size of Opening Decimal of inch	List Price per sq. ft.
3 1/2 x 3 1/2 Mesh	9	.148	.138	$1.00
	10	.135	.151	.75
	11	.120	.166	.65
	12	.105	.181	.50
	13	.092	.194	.40
	14	.080	.206	.35
	15	.072	.214	.30
	16	.063	.223	.25
	17	.054	.232	.20
	18	.047	.239	.15
	19	.041	.245	.13
	20	.035	.251	.11
	21	.032	.254	.10
4 x 4 Mesh	10	.135	.115	$1.10
	11	.120	.130	.80
	12	.105	.145	.60
	13	.092	.158	.48
	14	.080	.170	.38
	15	.072	.178	.32
	16	.063	.187	.27
	17	.054	.196	.22
	18	.047	.203	.17
	19	.041	.209	.14
	20	.035	.215	.12
	21	.032	.218	.11
	22	.028	.222	.10
4 1/2 x 4 1/2 Mesh	11	.120	.102	$1.00
	12	.105	.117	.73
	13	.092	.130	.55
	14	.080	.142	.42
	15	.072	.150	.35
	16	.063	.159	.30
	17	.054	.168	.25
	18	.047	.175	.20
	19	.041	.181	.17
	20	.035	.187	.14
	21	.032	.190	.12
	22	.028	.194	.11
	23	.025	.197	.10
5 x 5 Mesh	12	.105	.095	$0.80
	13	.092	.108	.60
	14	.080	.120	.48
	15	.072	.128	.40
	16	.063	.137	.35
	17	.054	.146	.30
	18	.047	.153	.25
	19	.041	.159	.20
	20	.035	.165	.17
	21	.032	.168	.14
	22	.028	.172	.12
	23	.025	.175	.10
	24	.023	.177	.09

List Price of "Buffalo" Steel or Galvanized Wire Cloth—Continued

Mesh (See page 9)	No. of Wire W. & M. Gauge	Diameter of Wire Decimal of inch	Size of Opening Decimal of inch	List Price per sq. ft.
6 x 6 Mesh	13	.092	.075	$0.80
	14	.080	.087	.60
	15	.072	.095	.48
	16	.063	.104	.40
	17	.054	.113	.35
	18	.047	.120	.30
	19	.041	.126	.25
	20	.035	.132	.22
	21	.032	.135	.17
	22	.028	.139	.14
	23	.025	.142	.12
	24	.023	.144	.10
	25	.020	.147	.09
7 x 7 Mesh	14	.080	.063	$0.80
	15	.072	.071	.60
	16	.063	.080	.48
	17	.054	.089	.40
	18	.047	.096	.35
	19	.041	.102	.30
	20	.035	.108	.25
	21	.032	.111	.22
	22	.028	.115	.17
	23	.025	.118	.14
	24	.023	.120	.12
	25	.020	.123	.10
	26	.018	.125	.09
8 x 8 Mesh	15	.072	.053	$0.80
	16	.063	.062	.60
	17	.054	.071	.48
	18	.047	.078	.42
	19	.041	.084	.35
	20	.035	.090	.30
	21	.032	.093	.25
	22	.028	.097	.22
	23	.025	.100	.17
	24	.023	.102	.14
	25	.020	.105	.12
	26	.018	.107	.10
	27	.017	.108	.09
9 x 9 Mesh	16	.063	.048	$0.80
	17	.054	.057	.60
	18	.047	.064	.48
	19	.041	.070	.42
	20	.035	.076	.35
	21	.032	.079	.32
	22	.028	.083	.25
	23	.025	.086	.22
	24	.023	.088	.17
	25	.020	.091	.14
	26	.018	.093	.12
	27	.017	.094	.10
	28	.016	.095	.09

List Price of "Buffalo" Steel or Galvanized Wire Cloth—Continued

Mesh (See page 9)	No. of Wire W. & M. Gauge	Diameter of Wire Decimal of inch	Size of Opening Decimal of inch	List Price per sq. ft.
10 x 10 Mesh	17	.054	.046	$0.72
	18	.047	.053	.60
	19	.041	.059	.48
	20	.035	.065	.40
	21	.032	.068	.35
	22	.028	.072	.30
	23	.025	.075	.25
	24	.023	.077	.20
	25	.020	.080	.15
	26	.018	.082	.12
	27	.017	.083	.11
	28	.016	.084	.10
	29	.015	.085	.09
12 x 12 Mesh	18	.047	.036	$0.72
	19	.041	.042	.60
	20	.035	.048	.48
	21	.032	.051	.45
	22	.028	.055	.38
	23	.025	.058	.30
	24	.023	.060	.22
	25	.020	.063	.17
	26	.018	.065	.15
	27	.017	.066	.13
	28	.016	.067	.11
	29	.015	.068	.10
	30	.014	.069	.09
14 x 14 Mesh	19	.041	.030	$0.75
	20	.035	.036	.60
	21	.032	.039	.50
	22	.028	.043	.40
	23	.025	.046	.35
	24	.023	.048	.30
	25	.020	.051	.22
	26	.018	.053	.17
	27	.017	.054	.15
	28	.016	.055	.13
	29	.015	.056	.12
	30	.014	.057	.11
	31	.0135	.0575	.10
	32	.013	.058	.09
	33	.011	.060	.08
	34	.010	.061	.07
16 x 16 Mesh	20	.035	.0275	$1.00
	21	.032	.0305	.80
	22	.028	.0345	.60
	23	.025	.0375	.48
	24	.023	.0395	.38
	25	.020	.0425	.32
	26	.018	.0445	.27
	27	.017	.0455	.20
	28	.016	.0465	.17
	29	.015	.0475	.15
	30	.014	.0485	.13
	31	.0135	.049	.12
	32	.013	.0495	.11

List Price of "Buffalo" Steel or Galvanized Wire Cloth—Continued

Mesh (See page 9)	No. of Wire W. & M. Gauge	Diameter of Wire Decimal of inch	Size of Opening Decimal of inch	List Price per sq. ft.
16 x 16 Mesh	33	.011	.0515	$0.10
	34	.010	.0525	.09
	35	.0095	.053	.08
18 x 18 Mesh	21	.032	.0236	$1.00
	22	.028	.0276	.80
	23	.025	.0306	.60
	24	.023	.0326	.50
	25	.020	.0356	.40
	26	.018	.0376	.32
	27	.017	.0386	.27
	28	.016	.0396	.24
	29	.015	.0406	.22
	30	.014	.0416	.20
	31	.0135	.0421	.19
	32	.013	.0426	.18
	33	.011	.0446	.16
	34	.010	.0456	.14
	35	.0095	.0461	.13
	36	.009	.0466	.12
20 x 20 Mesh	23	.025	.025	$0.90
	24	.023	.027	.65
	25	.020	.030	.50
	26	.018	.032	.40
	27	.017	.033	.35
	28	.016	.034	.27
	29	.015	.035	.25
	30	.014	.036	.23
	31	.0135	.0365	.21
	32	.013	.037	.20
	33	.011	.039	.19
	34	.010	.040	.18
	35	.0095	.0405	.17
	36	.009	.041	.16
22 x 22 Mesh	23	.025	.0205	$1.20
	24	.023	.0225	.90
	25	.020	.0255	.65
	26	.018	.0275	.50
	27	.017	.0285	.40
	28	.016	.0295	.35
	29	.015	.0305	.30
	30	.014	.0315	.26
	31	.0135	.032	.24
	32	.013	.0325	.23
	33	.011	.0345	.22
	34	.010	.0355	.21
	35	.0095	.036	.20
	36	.009	.0365	.18
24 x 24 Mesh	24	.023	.0187	$1.20
	25	.020	.0217	.90
	26	.018	.0237	.65
	27	.017	.0247	.50
	28	.016	.0257	.40
	29	.015	.0267	.35
	30	.014	.0277	.30
	31	.0135	.0282	.26

List Price of "Buffalo" Steel or Galvanized Wire Cloth—Continued

Mesh (See page 9)	No. of Wire W. & M. Gauge	Diameter of Wire Decimal of inch	Size of Opening Decimal of inch	List Price per sq. ft.
24 x 24 Mesh	32	.013	.0287	$0.24
	33	.011	.0307	.23
	34	.010	.0317	.22
	35	.0095	.0322	.21
	36	.009	.0327	.20
26 x 26 Mesh	25	.020	.0185	$1.20
	26	.018	.0205	.90
	27	.017	.0215	.65
	28	.016	.0225	.50
	29	.015	.0235	.40
	30	.014	.0245	.35
	31	.0135	.025	.30
	32	.013	.0255	.26
	33	.011	.027	.24
	34	.010	.0285	.23
	35	.0095	.029	.22
	36	.009	.0295	.21
28 x 28 Mesh	27	.017	.0187	$0.80
	28	.016	.0197	.60
	29	.015	.0207	.50
	30	.014	.0217	.38
	31	.0135	.0222	.35
	32	.013	.0227	.30
	33	.011	.0247	.28
	34	.010	.0257	.26
	35	.0095	.0262	.24
	36	.009	.0267	.23
30 x 30 Mesh	27	.017	.0163	$0.90
	28	.016	.0173	.66
	29	.015	.0183	.55
	30	.014	.0193	.42
	31	.0135	.0198	.36
	32	.013	.0203	.32
	33	.011	.0223	.30
	34	.010	.0233	.28
	35	.0095	.0238	.26
	36	.009	.0243	.24
32 x 32 Mesh	28	.016	.0153	$0.85
	29	.015	.0163	.66
	30	.014	.0173	.55
	31	.0135	.0178	.45
	32	.013	.0183	.40
	33	.011	.0203	.35
	34	.010	.0213	.30
	35	.0095	.0218	.28
	36	.009	.0223	.26
35 x 35 Mesh	29	.015	.0136	$1.00
	30	.014	.0146	.65
	31	.0135	.0151	.55
	32	.013	.0156	.45
	33	.011	.0176	.40
	34	.010	.0186	.36
	35	.0095	.0191	.32
	36	.009	.0196	.30

List Price of "Buffalo" Steel or Galvanized Wire Cloth—Continued

Mesh (See page 9)	No. of Wire W. & M. Gauge	Diameter of Wire Decimal of inch	Size of Opening Decimal of inch	List Price per sq. ft.
40 x 40 Mesh	31	.0135	.0115	$0.95
	32	.013	.012	.75
	33	.011	.014	.50
	34	.010	.015	.45
	35	.0095	.0155	.40
	36	.009	.016	.38
	37	.0085	.0165	.35
45 x 45 Mesh	32	.013	.0092	$1.30
	33	.011	.0112	1.10
	34	.010	.0122	.65
	35	.0095	.0127	.55
	36	.009	.0132	.50
	37	.0085	.0137	.45
50 x 50 Mesh	34	.010	.010	$1.25
	35	.0095	.0105	.70
	36	.009	.011	.60
	37	.0085	.0115	.55
	38	.008	.012	.50
55 x 55 Mesh	35	.0095	.0087	$1.20
	36	.009	.0092	.85
	37	.0085	.0097	.75
	38	.008	.0102	.70
60 x 60 Mesh	35	.0095	.0072	$1.50
	36	.009	.0077	1.40
	37	.0085	.0082	1.30
	38	.008	.0087	1.20
	39	.0075	.0092	.90
	40	.007	.0097	.85
	41	.0066	.0101	.75
64 x 64 Mesh	37	.0085	.0071	$1.40
	38	.008	.0076	1.30
	39	.0075	.0081	1.20
	40	.007	.0086	.95
	41	.0066	.009	.85
70 x 70 Mesh	37	.0085	.0058	$1.50
	38	.008	.0063	1.40
	39	.0075	.0068	1.30
	40	.007	.0073	1.20
	41	.0066	.0077	1.00
	42	.0062	.0081	.85
74 x 74 Mesh	39	.0075	.0060	$1.40
	40	.007	.0065	1.30
	41	.0066	.0069	1.10
	42	.0062	.0073	.95
	43	.006	.0075	.90
80 x 80 Mesh	40	.007	.0055	$1.40
	41	.0066	.0059	1.30
90 x 90 Mesh	44	.0058	.0053	$1.50
	45	.0055	.0056	1.40

"BUFFALO" Brass and Copper Wire Cloth

THE remarks made in other parts of this catalog, regarding mesh and gauge, apply as well to this kind of cloth as to any other. While the Old English Wire Gauge was adopted some years ago as the standard for specifying Brass and Copper Wire Cloth, and is shown in the following lists, yet the use of the Micrometer Decimal Gauge (see page 10), is absolutely positive to avoid misunderstandings, in quoting and furnishing these more expensive grades.

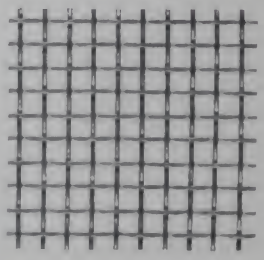
The following lists also apply to Bronze Wire Cloth.

In a great many cases the use of Brass, Copper or Bronze wire cloth is indispensable, especially where acids or alkalis are used, as in mining operations and chemical plants. We constantly carry in stock a full line of the most salable widths and meshes,—as well as a very complete assortment of wire so that special requirements can be furnished with dispatch.

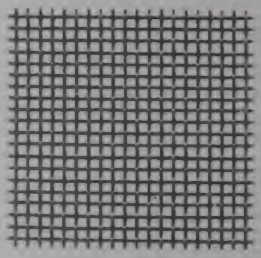
"BUFFALO" Market Grade Brass Wire Cloth

2 Mesh, No. 16 O. E. Gauge (.065"), Brass

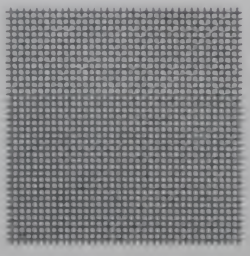
4 Mesh, No. 18 O. E. Gauge (.049"), Brass



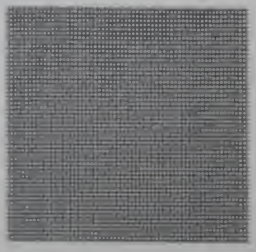
8 Mesh, No. 22 O. E. Gauge (.029"), Brass



16 Mesh, No. 26 O. E. Gauge (.020"), Brass



30 Mesh, No. 31 O. E. Gauge (.0122"), Brass



50 Mesh, No. 35 O.E. Gauge (.009"), Brass

80 Mesh, No. 38 O.E. Gauge (.0057"), Brass

100 Mesh, No. 40 O.E. Gauge (.0045"), Brass

WE make a specialty of carrying in stock each and every mesh listed on the following page in three regular stock widths, namely 24, 30 and 36 inches.

Our experience in the past proves that these sizes are most popular for all uses, the sizes of wire for the respective meshes as will be noted being regularly graduated from the coarsest to the finest mesh, thus giving a variety of openings to meet any requirement.

List Price of "BUFFALO" Market Grade Brass Wire Cloth

Mesh	Wire O. E. Gauge	Decimal Wire	Decimal Opening	List per sq. ft.	Mesh	Wire O. E. Gauge	Decimal Wire	Decimal Opening	List per sq. ft.
2 x 2	16	.065	.438	60c.	22 x 22	29	.0155	.0299	60c.
3 x 3	17	.058	.275	70c.	24 x 24	30	.0137	.0279	58c.
4 x 4	18	.049	.201	65c.	30 x 30	31	.0122	.0211	65c.
5 x 5	19	.040	.160	65c.	35 x 35	32	.0112	.0174	70c.
6 x 6	20	.035	.1317	60c.	40 x 40	33	.0102	.0148	65c.
8 x 8	22	.0295	.0955	70c.	45 x 45	34	.0095	.0127	85c.
10 x 10	23	.027	.073	75c.	50 x 50	35	.009	.011	80c.
12 x 12	24	.025	.0563	85c.	60 x 60	36	.0075	.0092	90c.
14 x 14	25	.023	.0484	80c.	70 x 70	37	.0065	.0078	80c.
16 x 16	26	.0205	.042	70c.	80 x 80	38	.0057	.0068	$1.25
18 x 18	27	.0187	.0368	65c.	90 x 90	39	.005	.0061	1.50
20 x 20	28	.0165	.0335	60c.	100 x 100	40	.0045	.0055	1.75

"BUFFALO" Extra Fine Brass Wire Cloth

120 Mesh Extra Fine Brass

150 Mesh Extra Fine Brass

THESE meshes are carried in one width only—36 inch, with a few exceptions where we have 24 inch widths.

On account of the extremely fine meshes, great care is exercised to have very uniform square openings, therefore making them particularly adaptable for use in testing sieves, for laboratory use in cement and chemical analysis.

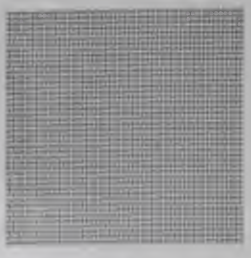
Under certain conditions where the cloth is subject to hard usage (as in grading abrasives), it is preferable to use these finer meshes in Phosphor Bronze—the most "wear-resisting" metal which can be woven in this fine mesh. We are therefore prepared to furnish in Phosphor Bronze as well, any of the meshes listed, in 36 inch width. Samples gratis.

List Price of "BUFFALO" Extra Fine Brass Wire Cloth

Mesh	Weave	Decimal Diam. Wire	Decimal Size Opening	List per sq. ft.	Mesh	Weave	Decimal Diam. Wire	Decimal Size Opening	List per sq. ft.
110	Plain	.004	.0051	$1.85	160	Twilled	.0028	.0035	$3.00
110	Twilled	.0045	.0046	1.85	170	Twilled	.0026	.0033	3.50
120	Plain	.0037	.0046	2.00	180	Twilled	.0025	.0031	4.00
120	Twilled	.004	.0043	2.00	190	Twilled	.0024	.0029	4.25
130	Plain	.0035	.0042	2.25	200	Twilled	.0023	.0027	4.50
130	Twilled	.0037	.004	2.25					
140	Twilled	.0033	.0038	2.50					
150	Twilled	.003	.0037	2.75					

Meshes finer than 200 up to and including 300 can be supplied at special net prices.

"BUFFALO" Brass Milk Strainer Wire Cloth



40 Mesh—Brass Milk Strainer Wire Cloth

50 Mesh—Brass Milk Strainer Wire Cloth

60 Mesh—Brass Milk Strainer Wire Cloth

AS the title implies, this grade is universally used for liquid straining, it not being woven as heavy as the Market Grade. We are in position to furnish in either 40, 50, or 60 mesh, in full rolls of 100 linear feet 12, 24, or 36" wide, or in the conventional "small rolls" measuring 5 ft. x 12 inches in which the local tinsmiths find it most convenient. Samples gladly furnished on application.

"BUFFALO" Office, Bank and Soot Screen Wire Cloth

30 Mesh Bank Screen

THIS is woven 30 x 30 mesh No. 35 gauge, in either steel or copper. When tautly applied to frames it is used generally by decorators and sign painters, who finish it in any desired design or lettering.

Thus it furnishes an excellent obscure screen, which can not readily be seen through from outside. When used as a dust screen (either decorated or plain) it prevents the entrance of dust and soot into Banks, Offices, etc. Both kinds are regularly carried in stock 24, 30, 36, 42 and 48 inches wide, and we will be pleased to furnish samples and prices on application.

Unusual Metals

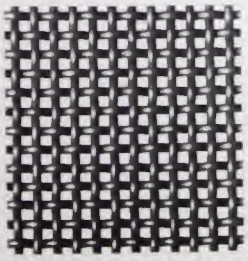
FOR special purposes which do not permit the use of cheaper metals, we are prepared to furnish cloth woven from German Silver, Nickel, Monel Metal, Monnot Copper, Silver, Phosphor Bronze, Aluminum, Lead, Charcoal Iron, etc. It would not be economical for us to carry a stock of such wire, there being such a limited demand for cloth of this nature. We are, however, prepared to execute orders or quote on specifications involving the use of any kind of wire, and therefore invite correspondence.

"BUFFALO" Light and Heavy Mining Grade Brass Wire Cloth

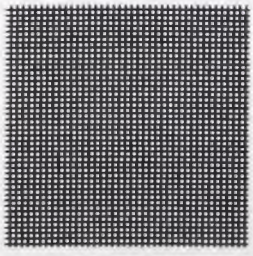
ON pages 27 and 28 are given descriptions which fully cover the uses of brass wire cloth (as well as steel), in the mining industry.

This material can be supplied in any mesh and of any size of wire listed on pages 52 to 59 to suit exact requirements.

It is advisable, however, where acids have to be contended with to use phosphor bronze material instead of either brass, copper or commercial bronze. While higher in first cost, its greatly extended working life justifies its addition in preference to a cheaper grade.



10 Mesh No. 18 O. E. Gauge (.049") Brass



35 Mesh No. 29 O. E. Gauge (.0155") Brass

List Price of "BUFFALO" Brass, Copper or Bronze Wire Cloth

Mesh (See page 9)	No. of Wire O. E. Gauge	Diameter of Wire Decimal of inch	Size of Opening Decimal of inch	List Price per sq. ft.
1 x 1 Mesh	3	.259	.741	$5.50
	4	.238	.762	4.50
	5	.220	.780	3.75
	6	.203	.797	3.25
	7	.180	.820	3.00
	8	.165	.835	2.50
	9	.148	.852	2.00
	10	.134	.866	1.50
	11	.120	.880	1.25
	12	.109	.891	.95
	13	.095	.905	.75
	14	.083	.917	.65
	15	.072	.928	.60
	16	.065	.935	.50
3/4 x 3/4 Mesh	4	.238	.512	$5.50
	5	.220	.530	4.50
	6	.203	.547	3.75
	7	.180	.570	3.25
	8	.165	.585	3.00
	9	.148	.602	2.50
	10	.134	.616	2.00
	11	.120	.630	1.50
	12	.109	.641	1.25
	13	.095	.655	.90
	14	.083	.667	.75
	15	.072	.678	.65
	16	.065	.685	.55
	17	.058	.692	.48
5/8 x 5/8 Mesh	4	.238	.387	$7.50
	5	.220	.405	6.00
	6	.203	.422	5.00
	7	.180	.445	4.00
	8	.165	.460	3.50
	9	.148	.477	3.00
	10	.134	.491	2.50
	11	.120	.505	2.00
	12	.109	.516	1.40
	13	.095	.530	1.00
	14	.083	.542	.80
	15	.072	.553	.70
	16	.065	.560	.60
	17	.058	.567	.50
2 x 2 Mesh	4	.238	.262	$9.00
	5	.220	.280	7.50
	6	.203	.297	6.00
	7	.180	.320	5.00

List Price of "BUFFALO" Brass, Copper or Bronze Wire Cloth—Continued

Mesh (See page 9)	No. of Wire O. E. Gauge	Diameter of Wire Decimal of inch	Size of Opening Decimal of inch	List Price per sq. ft.
2 x 2 Mesh	8	.165	.335	$4.00
	9	.148	.352	3.50
	10	.134	.366	3.00
	11	.120	.380	2.50
	12	.109	.391	2.00
	13	.095	.405	1.40
	14	.083	.417	1.00
	15	.072	.428	.80
	16	.065	.435	.60
	17	.058	.442	.50
	18	.049	.451	.45
2 1/2 x 2 1/2 Mesh	6	.203	.197	$9.00
	7	.180	.220	6.50
	8	.165	.235	5.00
	9	.148	.252	4.25
	10	.134	.266	3.50
	11	.120	.280	2.75
	12	.109	.291	2.25
	13	.095	.305	1.60
	14	.083	.317	1.15
	15	.072	.328	.90
	16	.065	.335	.70
	17	.058	.342	.60
	18	.049	.351	.50
	19	.040	.360	.45
3 x 3 Mesh	8	.165	.168	$6.50
	9	.148	.185	5.00
	10	.134	.199	4.25
	11	.120	.213	3.50
	12	.109	.224	2.75
	13	.095	.238	2.00
	14	.083	.250	1.50
	15	.072	.261	1.10
	16	.065	.268	.85
	17	.058	.275	.70
	18	.049	.284	.60
	19	.040	.293	.50
	20	.035	.298	.45
3 1/2 x 3 1/2 Mesh	9	.148	.137	$6.00
	10	.134	.151	4.75
	11	.120	.165	3.75
	12	.109	.176	3.00
	13	.095	.190	2.25
	14	.083	.202	1.75
	15	.072	.213	1.30
	16	.065	.220	1.00
	17	.058	.227	.80
	18	.049	.236	.65
	19	.040	.245	.55
	20	.035	.250	.50
	21	.0315	.2535	.45

List Price of "BUFFALO" Brass, Copper or Bronze Wire Cloth—Continued

Mesh (See page 9)	No. of Wire O. E. Gauge	Diameter of Wire Decimal of inch	Size of Opening Decimal of inch	List Price per sq. ft.
4 x 4 Mesh	10	.134	.116	$6.00
	11	.120	.130	4.50
	12	.109	.141	3.50
	13	.095	.155	2.75
	14	.083	.167	2.25
	15	.072	.178	1.75
	16	.065	.185	1.25
	17	.058	.192	.90
	18	.049	.201	.65
	19	.040	.210	.55
	20	.035	.215	.45
	21	.0315	.2185	.40
4 1/2 x 4 1/2 Mesh	11	.120	.102	$5.25
	12	.109	.113	4.00
	13	.095	.127	3.35
	14	.083	.139	2.50
	15	.072	.150	1.90
	16	.065	.157	1.50
	17	.058	.164	1.05
	18	.049	.173	.75
	19	.040	.182	.60
	20	.035	.187	.50
	21	.0315	.1905	.43
5 x 5 Mesh	12	.109	.091	$4.50
	13	.095	.105	3.50
	14	.083	.117	2.75
	15	.072	.128	2.10
	16	.065	.135	1.75
	17	.058	.142	1.20
	18	.049	.151	.90
	19	.040	.160	.65
	20	.035	.165	.55
	21	.0315	.1685	.45
	22	.0295	.1705	.40
6 x 6 Mesh	13	.095	.0717	$4.50
	14	.083	.0867	3.25
	15	.072	.0947	2.75
	16	.065	.1027	2.25
	17	.058	.1087	1.60
	18	.049	.1117	1.10
	19	.040	.1267	.85
	20	.035	.1317	.60
	21	.0315	.1355	.50
	22	.0295	.1371	.45
	23	.027	.144	.40

st Price of "BUFFALO" Brass, Copper or Bronze Wire Cloth—Continued

Mesh (see page 9)	No. of Wire O. E. Gauge	Diameter of Wire Decimal of inch	Size of Opening Decimal of inch	List Price per sq. ft.
7 Mesh	14	.083	.0597	$4.00
	15	.072	.0707	3.00
	16	.065	.0777	2.50
	17	.058	.0847	2.00
	18	.049	.0937	1.50
	19	.040	.1027	1.00
	20	.035	.1077	.80
	21	.0315	.1112	.60
	22	.0295	.1132	.50
	23	.027	.1157	.45
	24	.025	.1177	.40
8 Mesh	15	.072	.053	$3.50
	16	.065	.060	2.75
	17	.058	.067	2.25
	18	.049	.076	1.75
	19	.040	.085	1.25
	20	.035	.090	1.00
	21	.0315	.0935	.80
	22	.0295	.0955	.70
	23	.027	.098	.65
	24	.025	.100	.50
	25	.023	.102	.45
	26	.020	.105	.40
9 Mesh	15	.072	.0391	$4.00
	16	.065	.0461	3.25
	17	.058	.0531	2.50
	18	.049	.0641	2.00
	19	.040	.0711	1.60
	20	.035	.0761	1.15
	21	.0315	.0796	.90
	22	.0295	.0816	.80
	23	.027	.0841	.75
	24	.025	.0861	.60
	25	.023	.0881	.50
	26	.0205	.0906	.45
	27	.0187	.0924	.40
x 10 Mesh	17	.058	.042	$2.75
	18	.049	.051	2.25
	19	.040	.060	1.75
	20	.035	.065	1.25
	21	.0315	.0685	1.00
	22	.0295	.0705	.85
	23	.027	.073	.75
	24	.025	.075	.65
	25	.023	.077	.55
	26	.0205	.0795	.50
	27	.0187	.0813	.45

List Price of "BUFFALO" Brass, Copper or Bronze Wire Cloth—Continued

Mesh (See page 9)	No. of Wire O. E. Gauge	Diameter of Wire Decimal of inch	Size of Opening Decimal of inch	List Price per sq. ft.
12 x 12 Mesh	18	.049	.0323	$2.75
	19	.040	.0413	2.25
	20	.035	.0463	1.75
	21	.0315	.0498	1.50
	22	.0295	.0518	1.25
	23	.027	.0543	1.00
	24	.025	.0563	.85
	25	.023	.0583	.60
	26	.0205	.0608	.50
	27	.0187	.0626	.45
	28	.0165	.0648	.40
14 x 14 Mesh	19	.040	.0314	$2.75
	20	.035	.0364	2.25
	21	.0315	.0399	1.75
	22	.0295	.0419	1.40
	23	.027	.0444	1.25
	24	.025	.0464	1.00
	25	.023	.0484	.80
	26	.0205	.0509	.65
	27	.0187	.0527	.55
	28	.0165	.0549	.45
	29	.0155	.0559	.40
16 x 16 Mesh	20	.035	.0275	$2.75
	21	.0315	.0310	2.00
	22	.0295	.0330	1.75
	23	.027	.0355	1.50
	24	.025	.0375	1.25
	25	.023	.0395	.90
	26	.0205	.0420	.70
	27	.0187	.0438	.60
	28	.0165	.0460	.55
	29	.0155	.0470	.45
	30	.0137	.0488	.40
18 x 18 Mesh	21	.0315	.0240	$2.50
	22	.0295	.0260	2.25
	23	.027	.0285	2.00
	24	.025	.0305	1.50
	25	.023	.0325	1.25
	26	.0205	.0350	.85
	27	.0187	.0368	.65
	28	.0165	.0390	.60
	29	.0155	.0400	.50
	30	.0137	.0418	.45
	31	.0122	.0433	.40
	32	.0112	.0443	.32

List Price of "BUFFALO" Brass, Copper or Bronze Wire Cloth—Continued

Mesh (See page 9)	No. of Wire O. E. Gauge	Diameter of Wire Decimal of inch	Size of Opening Decimal of inch	List Price per sq. ft.
20 x 20 Mesh	23	.027	.0230	$2.00
	24	.025	.0250	1.50
	25	.023	.0270	1.25
	26	.0205	.0295	.85
	27	.0187	.0313	.65
	28	.0165	.0335	.60
	29	.0155	.0345	.50
	30	.0137	.0363	.45
	31	.0122	.0378	.38
	32	.0112	.0388	.32
	33	.0102	.0398	.30
	34	.0095	.0405	.27
22 x 22 Mesh	24	.025	.0204	$2.50
	25	.023	.0224	2.00
	26	.0205	.0249	1.50
	27	.0187	.0267	1.10
	28	.0165	.0289	.75
	29	.0155	.0299	.60
	30	.0137	.0317	.50
	31	.0122	.0332	.45
	32	.0112	.0342	.37
	33	.0102	.0352	.30
	34	.0095	.0359	.27
	35	.009	.0364	.25
24 x 24 Mesh	25	.023	.0186	$2.50
	26	.0205	.0211	2.00
	27	.0187	.0229	1.40
	28	.0165	.0251	1.00
	29	.0155	.0261	.75
	30	.0137	.0279	.58
	31	.0122	.0294	.50
	32	.0112	.0304	.40
	33	.0102	.0314	.35
	34	.0095	.0321	.30
	35	.009	.0326	.27
	36	.0075	.0341	.25
26 x 26 Mesh	26	.0205	.0180	$2.50
	27	.0187	.0198	1.75
	28	.0165	.0220	1.25
	29	.0155	.0230	.90
	30	.0137	.0248	.65
	31	.0122	.0263	.55
	32	.0112	.0273	.45
	33	.0102	.0283	.40
	34	.0095	.0290	.35
	35	.009	.0295	.30
	36	.0075	.0310	.25

List Price of "BUFFALO" Brass, Copper or Bronze Wire Cloth—Continued

Mesh (See page 9)	No. of Wire O. E. Gauge	Diameter of Wire Decimal of inch	Size of Opening Decimal of inch	List Price per sq. ft.
28 x 28 Mesh	27	.0187	.0170	$2.00
	28	.0165	.0192	1.40
	29	.0155	.0202	1.00
	30	.0137	.0220	.70
	31	.0122	.0235	.60
	32	.0112	.0245	.48
	33	.0102	.0255	.43
	34	.0095	.0262	.38
	35	.009	.0267	.33
	36	.0075	.0282	.27
30 x 30 Mesh	28	.0165	.0168	$1.60
	29	.0155	.0178	1.10
	30	.0137	.0196	.75
	31	.0122	.0211	.65
	32	.0112	.0221	.50
	33	.0102	.0231	.45
	34	.0095	.0238	.40
	35	.009	.0243	.35
	36	.0075	.0258	.28
32 x 32 Mesh	28	.0165	.0147	$1.50
	29	.0155	.0157	1.15
	30	.0137	.0175	.90
	31	.0122	.0190	.75
	32	.0112	.0200	.60
	33	.0102	.0210	.50
	34	.0095	.0217	.45
	35	.009	.0222	.40
	36	.0075	.0237	.35
35 x 35 Mesh	28	.0165	.0121	$2.00
	29	.0155	.0131	1.50
	30	.0137	.0149	1.10
	31	.0122	.0164	.85
	32	.0112	.0174	.70
	33	.0102	.0184	.60
	34	.0095	.0191	.55
	35	.009	.0196	.50
	36	.0075	.0211	.45
40 x 40 Mesh	30	.0137	.0113	$1.60
	31	.0122	.0128	1.25
	32	.0112	.0138	.85
	33	.0102	.0148	.65
	34	.0095	.0155	.60
	35	.009	.0160	.55
	36	.0075	.0175	.50

List Price of "BUFFALO" Brass, Copper or Bronze Wire Cloth—Continued

Mesh (See page 9)	No. of Wire O. E. Gauge	Diameter of Wire Decimal of inch	Size of Opening Decimal of inch	List Price per sq. ft.
45 x 45 Mesh	31	.0122	.0100	$1.75
	32	.0112	.0110	1.30
	33	.0102	.0120	1.00
	34	.0095	.0127	.85
	35	.009	.0132	.70
	36	.0075	.0147	.55
50 x 50 Mesh	32	.0112	.0088	$1.60
	33	.0102	.0098	1.30
	34	.0095	.0105	1.00
	35	.009	.0110	.80
	36	.0075	.0125	.65
55 x 55 Mesh	34	.0095	.0087	$1.25
	35	.009	.0092	1.00
	36	.0075	.0107	.80
	37	.0065	.0117	.70
60 x 60 Mesh	35	.009	.0077	$1.25
	36	.0075	.0092	.90
	37	.0065	.0102	.70
70 x 70 Mesh	36	.0075	.0068	$1.00
	37	.0065	.0078	.80
80 x 80 Mesh	38	.0057	.0068	$1.25
90 x 90 Mesh	39	.005	.0061	$1.50
100 x 100 Mesh	40	.0045	.0055	$1.75

Galvanized Hexagon Netting

THIS article needs very little introduction as it has been used by nearly everybody in communities where chickens or poultry are raised and has been a standard for a number of years in many cases for a cheap means of training vines, sweet peas, climbing roses, as well as cheap lawn and farm fences.

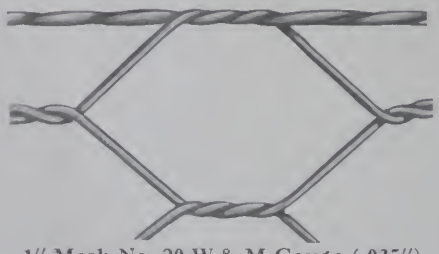
Hexagon Netting as the name denotes is a netting composed of meshes in hexagon form made up of galvanized wire or either plain steel wire galvanized after being woven, the galvanized after woven hexagon netting being more generally used on account of its durability and rust proof qualities.

This netting is manufactured in widths ranging from 12 to 96″ wide and put up in bales of 150 linear feet.

The list below gives the various meshes and wires in which it is made, and also shows that grade which is regularly carried in stock in widths 12, 18, 24, 30, 36, 42, 48, 60, and 72″.

The following list price is for hexagon netting either galvanized before or after weaving, the discount varying according to which is desired, as well as the quantity.

Liberal discounts quoted upon application.



1″ Mesh No. 20 W & M Gauge (.035″) Galvanized Hexagon Netting

Standard List Price

	Per sq. ft.
3 in. Mesh, No. 13 Wire	08¼¢.
3 in. Mesh, No. 14 Wire	06¾¢.
3 in. Mesh, No. 15 Wire	05⅜¢.
3 in. Mesh, No. 16 Wire	04⅛¢.
3 in. Mesh, No. 17 Wire	03¼¢.
3 in. Mesh, No. 18 Wire	02½¢.
3 in. Mesh, No. 19 Wire	02¢.
3 in. Mesh, No. 20 Wire	01¾¢.
2½ in. Mesh, No. 13 Wire	10¼¢.
2½ in. Mesh, No. 14 Wire	08¢.
2½ in. Mesh, No. 15 Wire	06¼¢.
2½ in. Mesh, No. 16 Wire	04¾¢.
2½ in. Mesh, No. 17 Wire	03¾¢.
2½ in. Mesh, No. 18 Wire	02¾¢.
2½ in. Mesh, No. 19 Wire	02¼¢.
2½ in. Mesh, No. 20 Wire	02¢.
2 in. Mesh, No. 14 Wire	09½¢.
2 in. Mesh, No. 15 Wire (carried in stock)	07¼¢.
2 in. Mesh, No. 16 Wire	05½¢.
2 in. Mesh, No. 17 Wire	04½¢.
2 in. Mesh, No. 18 Wire	03¼¢.
2 in. Mesh, No. 19 Wire (carried in stock)	02½¢.
2 in. Mesh, No. 20 Wire	02¼¢.
1½ in. Mesh, No. 16 Wire	08¾¢.
1½ in. Mesh, No. 17 Wire	07¼¢.
1½ in. Mesh, No. 18 Wire	04½¢.
1½ in. Mesh, No. 19 Wire	03½¢.
1½ in. Mesh, No. 20 Wire (carried in stock)	03¢.
1¼ in. Mesh, No. 16 Wire	11¢.
1¼ in. Mesh, No. 17 Wire	08¼¢.
1¼ in. Mesh, No. 18 Wire	06¢.
1¼ in. Mesh, No. 19 Wire	05¢.
1¼ in. Mesh, No. 20 Wire	04¼¢.
1 in. Mesh, No. 16 Wire	14¢.
1 in. Mesh, No. 17 Wire	10¢.
1 in. Mesh, No. 18 Wire	07¾¢.
1 in. Mesh, No. 19 Wire	06½¢.
1 in. Mesh, No. 20 Wire (carried in stock)	05½¢.
¾ in. Mesh, No. 18 Wire	12½¢.
¾ in. Mesh, No. 19 Wire	10¾¢.
¾ in. Mesh, No. 20 Wire (carried in stock)	09¢.
¾ in. Mesh, No. 21 Wire	08¼¢.
⅝ in. Mesh, No. 19 Wire	19¢.
⅝ in. Mesh, No. 20 Wire	18¢.
⅝ in. Mesh, No. 21 Wire	16¢.
⅝ in. Mesh, No. 22 Wire	14¢.
½ in. Mesh, No. 19 Wire	28¢.
½ in. Mesh, No. 20 Wire	25¢.
½ in. Mesh, No. 21 Wire	20½¢.
½ in. Mesh, No. 22 Wire (carried in stock)	18½¢.

"BUFFALO" Portable Wire Poultry Runways or Division Guards

"BUFFALO" Portable Wire Poultry runways or division guards for young chicks and fowl will fit any size brooder or coop and can be moved to other locations at will.

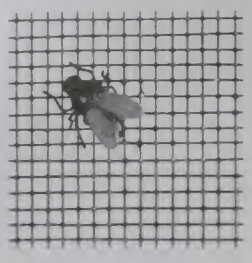
They are made in sections eight to ten feet long and in heights from 24" to 72" and are constructed of 1 1/2" "BUFFALO" diamond mesh fabric No. 10 W. & M. gauge (.135") galvanized wire with 3/8" galvanized round iron frame and have 12" legs to go into the ground. The lower section is fitted 12" high with 1" mesh galvanized hexagon netting.

Prices quoted on receipt of size and number of sections.

Above illustration shows construction of "BUFFALO" Portable Poultry Runways or Division Guards

"BUFFALO" Window Screen Wire Cloth

EVERYONE is familiar with the ordinary grade of black painted fly screen cloth, which is woven by all manufacturers 12 x 12 mesh No. 33 wire as standard*. Many times, however, something more durable is wanted and we therefore list below the entire variety as a guide for inquiring and ordering. (A full roll contains 100 linear feet.)



12 Mesh

"BUFFALO" Standard Black Painted

18 to 48 inches wide

12 x 12 mesh No. 33 Wire*	16 x 16 mesh No. 34 Wire
12 x 12 mesh No. 29 Wire	18 x 18 mesh No. 35 Wire
14 x 14 mesh No. 33 Wire	12 x 12 mesh No. 26 Wire†

†Twilled Weave; all others are plain

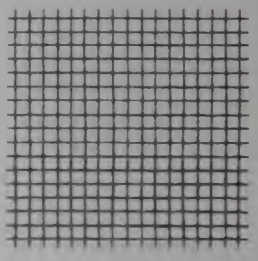
It will readily be seen that if window screen is woven from Galvanized Wire, the heavy coat of spelter or zinc will serve to protect the steel from the action of moisture to which screens of this kind are constantly subjected, we therefore offer the following:

"BUFFALO" Galvanized Wire Cloth (*Rustproof*)

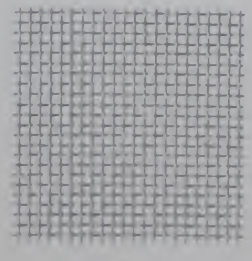
(Woven from Galvanized Wire)

12 x 12 mesh No. 33 Wire	14 x 14 mesh No. 33 Wire
12 x 12 mesh No. 28 Wire	16 x 16 mesh No. 34 Wire
13 x 13 mesh No. 29 Wire	18 x 18 mesh No. 35 Wire

While the Rustproof Cloth has a bright Galvanized finish when first applied, in a short time it oxidizes so as to be almost unnoticeable from outside. This bright finish however is sometimes objectionable, in which case we can furnish "BUFFALO" Galvanized, Painted Black.



14 Mesh



18 Mesh

"BUFFALO" Bronze Window Screen Cloth

(Woven from solid Bronze Wire)

Surpasses all others for durability. When properly applied to well fitting frames we can absolutely guarantee it to last indefinitely, fully resisting the attack of all climatic conditions—particularly at the seashore where the action of salt air is extremely corrosive. This cloth can be furnished in:

14 x 14 mesh No. 31 Wire	13 x 13 mesh No. 29 Wire
16 x 16 mesh No. 32 Wire	18 x 18 mesh No. 34 Wire

The latter two meshes are particularly adaptable for window screens in Tropical Districts where insects much smaller than the ordinary house fly (mosquitos, punkies, etc.) are numerous—also in swampy places where the moisture as well as insects are to be guarded against.

When first applied the Bright Bronze Cloth has a rich copper bronze color, but this rapidly turns dark from exposure to the elements—making the screen almost invisible either from inside or outside. We are also in position to furnish what we term "Antique" Finish "Buffalo" Bronze Wire Cloth; in this the wire is thoroughly oxidized previous to weaving with chemicals which we know have no detrimental effect on the serviceability of the cloth.

Furthermore, this method produces a grade of cloth free from streaks—which are a very objectionable feature.

The Antique Finish also removes the objection by many who do not care to wait until the atmosphere produces it,—although in a very short time either the Bright or Antique Bronze appear alike when exposed under similar atmospherical conditions.

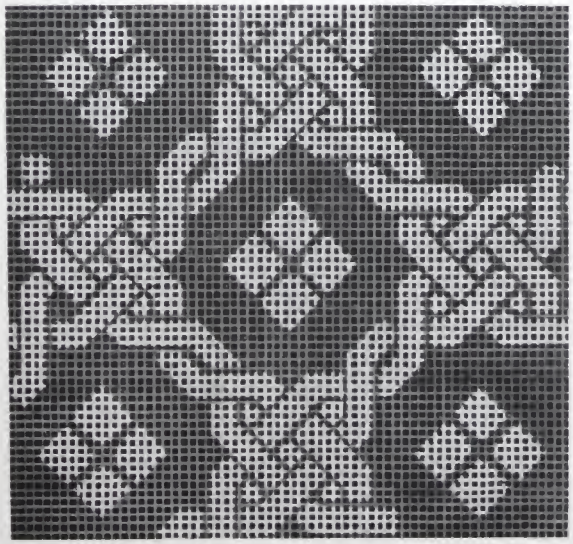
Landscape Wire Cloth

THIS is woven 16 x 16 mesh, and thoroughly painted with a heavy drab ground; on this, beautiful landscape scenery is painted by artists. It forms an excellent screen for windows and doors, obstructing the view of passersby, at the same time causing no hindrance to outside view from within.

As will be noted in the illustration, the width of this cloth is the height, while the length the pieces are cut represents the width. To prevent errors, therefore, it is well to mention the height and width of panels, otherwise the scenery may be lengthwise instead of crosswise as shown.

Stock heights are 24, 30, 36, 42 and 48 inches.

Figured Wire Cloth



WHILE this possesses the same obscure qualities as the landscape cloth, instead of being decorated with scenery is printed in a pleasing pattern, as the illustration shown, in either green or drab color.

Differently from the landscape cloth, this kind can be cut in either direction, the height of panels not being limited to the height of the cloth. In stock 24, 30, 36, 42 and 48 inches wide.

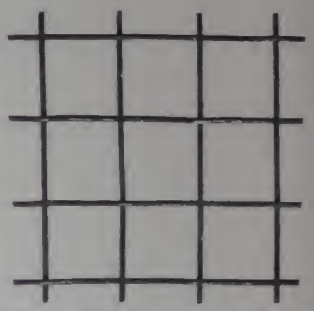
"BUFFALO" Wire Lathing

"BUFFALO" Wire Lathing is now being used universally in all up-to-date and fire proof buildings in place of the old fashioned wooden lathing.

It is far superior to the old wood lathing on account of its durability, great keying qualities, as well as it's ability to resist fire.

"BUFFALO" Wire Lathing is made in both plain steel and galvanized after being woven.

The plain steel wire lathing is plain "BUFFALO" wire cloth in two meshes, namely 2 and 2 1/2 mesh of various gauges of wire according to the requirements, and is applied by means of staples to wood furring strips.



2 1/2 Mesh No. 21 W. & M. Gauge "BUFFALO" Steel Wire Lathing

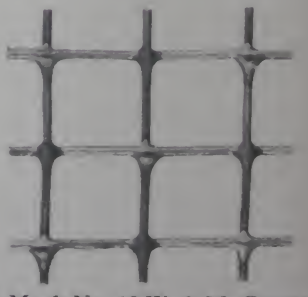
"BUFFALO" steel wire lathing can also be coated with a rust resisting compound when specified at a small additional cost per square yard.

"BUFFALO" Plain Steel Wire Lathing

	Approx. Weight per 100 sq. yds.	Price per 100 sq. yds.
2 1/2 mesh No. 19 Washburn & Moen Gauge Wire	250 lbs.	
2 1/2 mesh No. 20 Washburn & Moen Gauge Wire	180 lbs.	
2 1/2 mesh No. 21 Washburn & Moen Gauge Wire	162 lbs.	

"BUFFALO" Galvanized Wire lathing like "BUFFALO" galvanized wire cloth has its advantages over plain steel wire lathing. The fact that it is galvanized by our hot process in our own galvanizing plant renders it rust proof also stiffer than the plain steel wire lathing. The fact that it is entirely coated with a heavy coat of prime western spelter soldering each intersection of the wires, thereby preventing them from slipping or shifting as is usually the case with ordinary plain lathing.

"BUFFALO" wire lathing either plain steel or galvanized can be manufactured in any width desired. The usual width, however, is 36" wide. Put up in 150 linear foot rolls.



2 Mesh No. 18 W. & M. Gauge "BUFFALO" Galvanized Wire Lathing

"BUFFALO" Galvanized Wire Lathing

	Approx. Weight per 100 sq. yds.	Price per 100 sq. yds
2 1/2 mesh No. 19 Washburn & Moen Gauge Wire	365 lbs.	
2 1/2 mesh No. 20 Washburn & Moen Gauge Wire	275 lbs.	
2 1/2 mesh No. 21 Washburn & Moen Gauge Wire	252 lbs.	

"GRIMM'S" Galvanized Corrugated Wire Lathing

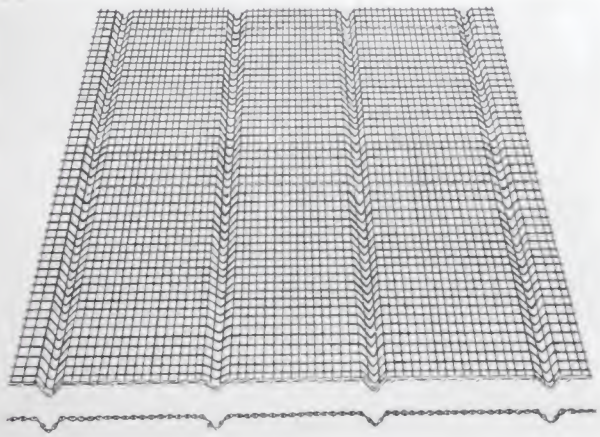
(Patent Applied For)

"GRIMM'S" Galvanized Corrugated Wire Lathing is constructed similar to "BUFFALO" Galvanized wire lathing with the exception that it is stiffened by a "V" shaped corrugation entirely across the width of the fabric at intervals of 6 inches.

This corrugation also eliminates the necessity of using furring strips, as it can be stapled directly to the studding or sheathing thereby eliminating quite an item of expense in the construction of a building.

It will also be noticed that there is no unnecessary weight in this lathing as is usually the case where rods or small angles are woven into it for stiffening purposes.

This lathing can be handled with great ease and will conform to most any shape or form. Plaster once applied to this lathing will not crack on account of the minute metal expansion and contraction area of the wires from which it is constructed, also the fact that it will not absorb moisture as wood lathing does. Though a trifle more expensive than wood lathing, this expense is readily overcome by the superiority of "GRIMM'S" Galvanized Corrugated wire lathing in the above mentioned facts and numerous others.



"Grimm's" Galvanized Corrugated Wire Lathing

"GRIMM'S" Galvanized Corrugated Wire Lathing

		Approx. Weight per 100 sq. yds.	Price per 100 sq. yds.
2	mesh No. 18 Washburn & Moen Gauge Wire	300 lbs.	. . . . .
2 1/2	mesh No. 18 Washburn & Moen Gauge Wire	445 lbs.	. . . . .
2 1/2	mesh No. 19 Washburn & Moen Gauge Wire	370 lbs.	. . . . .
2 1/2	mesh No. 20 Washburn & Moen Gauge Wire	285 lbs.	. . . . .
2 1/2	mesh No. 21 Washburn & Moen Gauge Wire	255 lbs.	. . . . .

Put up in 150 linear foot rolls.

"GRIMM'S" Galvanized Corrugated Wire Lathing—Continued

This Illustrates How "GRIMM'S" Galvanized Corrugated Wire Lathing is Used on the Inside and Outside of a Garage. (Note no Furring Strips Used)

The Above Shows the Type of Well Built House on Which "GRIMM'S" Galvanized Corrugated Wire Lathing is Used

"BUFFALO" Sand, Gravel and Coal Screens

Fig. No. 1

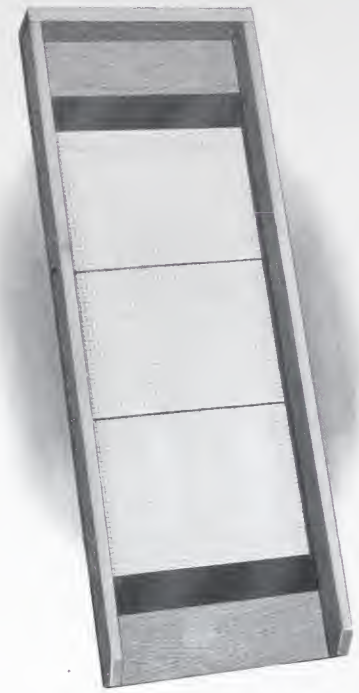


Fig. No. 1-A

"BUFFALO" Sand and Gravel Screens are made of pine frames 26″ x 72″ with wire cloth of suitable mesh for screening either sand or gravel. The wire cloth is securely fastened to the frames and then covered at the top and bottom of the screen with sheet iron to prevent unnecessary wear at these two points.

Figure No. 1 illustrates our long mesh, straight wire, sand screen.

Figure No. 1-A illustrates our square mesh sand screen.

These screens can be made in any size, mesh, space, or wire desired and are used by masons, bricklayers, plasterers, and general contractors.

List price for "BUFFALO" long mesh sand and gravel screens, size 26″ x 72″.

3/8″ space No. 11 W. & M. Gauge (.120″)	$4.50 each
1/4″ space No. 12 W. & M. Gauge (.105″)	5.00 each
3/16″ space No. 13 W. & M. Gauge (.092″)	6.00 each
1/8″ space No. 14 W. & M. Gauge (.080″)	7.00 each

List price on "BUFFALO" square mesh sand and gravel screens as shown in illustration No. 1-A, size 26″ x 72″.

2 1/2 mesh No. 15 W. & M. Gauge (.072″)	$4.50 each
4 mesh No. 18 W. & M. Gauge (.047″)	5.00 each
6 mesh No. 20 W. & M. Gauge (.035″)	6.00 each

Special price quoted for "BUFFALO" sand and gravel screens with galvanized wire cloth bottoms.

"BUFFALO" Sand, Gravel and Coal Screens—Continued

Fig. No. 1-B

Illustration No. 1-B shows a section of a "BUFFALO" coiled sand screen which is by far the most durable sand screen on the market. As will be noted the wire is coiled around a cross-bar and the space is formed by the number of coils between the wires giving it much more strength and durability than can be produced in any other form.

This screen is made in our regular 26" x 72" size complete with frame, or if it is desired we can furnish the screen without the frame in any desired size.

"BUFFALO" coiled wire sand screens are designed for heavy work and are used to a very large extent on sand dredges, etc.

List price of these screens are as follows:

5/8" space No. 10 W. & M. Gauge (.135")	$ 9.00 each
1/4" space No. 10 W. & M. Gauge (.135")	10.00 each
3/16" space No. 13 W. & M. Gauge (.092")	12.00 each
1/8" space No. 11 W. & M. Gauge (.120")	14.00 each

Price—Galvanized after made, Special.

Figure No. 2 illustrates a "BUFFALO" coal screen which has proven itself the best on the market, like all other "BUFFALO" products.

The frames of these screens are made of well-seasoned oak strongly bolted together and are supported by iron cross-bars at the back, which prevents sagging of the wire cloth.

Like "BUFFALO" sand and gravel screens heavy sheet iron is placed over the wire cloth at the top and bottom to prevent unnecessary wear at these points.

Many coal dealers have, and are now using "BUFFALO" coal screens and are well pleased with the service they have given.

List price of "BUFFALO" coal screens, sizes 26" x 72".

On stock sizes 1/4", 3/16", 1/8", 1/2", 5/8", 3/4", 7/8", and 1"—each $8.00

Sizes 33" x 56"—

1/4", 3/16", 1/8", 1/2", 5/8", 3/4", 7/8", and 1"—each $10.00

Special sizes made to order on short notice.

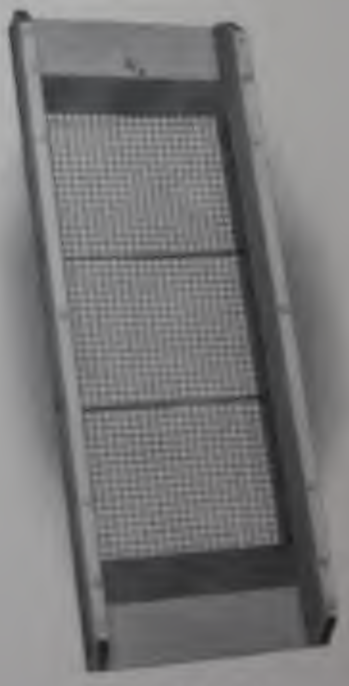


Fig. No. 2

"BUFFALO" Sand, Gravel and Coal Screens—Continued

We make to order in any **space,** size, or shape, special screens for coal chutes and pockets. These screens are either made with round iron frame or flat iron frame.

Where a flat iron frame is used we electrically weld each wire to the frame making it far more substantial and giving it a greater wearing quality than by any other method of fastening.

As these are all made specially to order, we are unable to give any list price on them, but will be pleased to quote price upon receipt of the quantity, sizes and specifications of the screens desired.

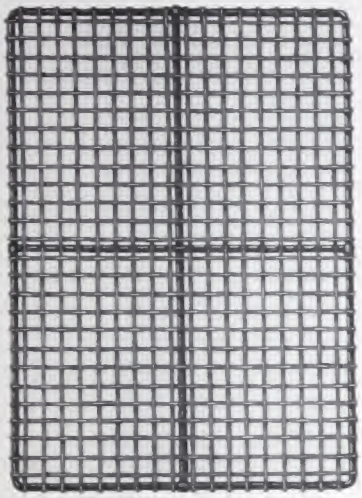


Fig. No. 2-A

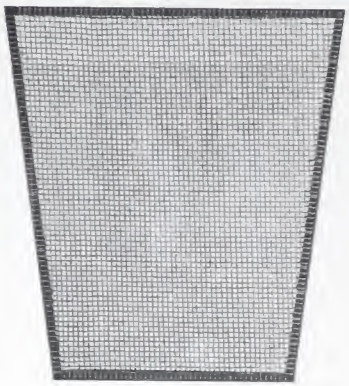
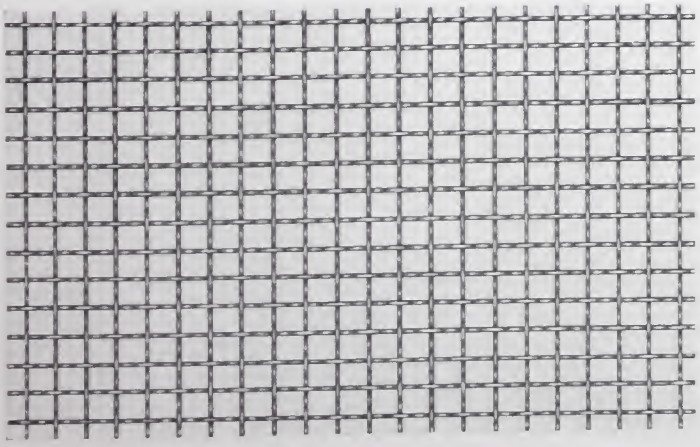


Fig. No. 2-B

Proper **spaces** to use for screening different grades of coal:

1/4" space for screening pea coal
3/8" space for screening nut coal and coke
1/2" space for screening chestnut coal or stove coal
5/8" space for screening stove coal and for taking ashes from cinders
3/4" space for taking pea coal out of stove coal
1" space for screening coarse stove or grate coal or taking chestnut out of stove coal
1 1/2" space for taking chestnut out of egg coal
2" space for screening egg and furnace coal
2 1/2" space for screening broken coal also taking stove coal out of broken coal.



"BUFFALO" Coal Screen Bottom without frame

Figure No. 2-A shows a "BUFFALO" coal chute screen or bottom with round iron frame.

Figure No. 2-B shows a "BUFFALO" coal chute screen or bottom with flat iron frame and the wires electrically welded to same.

A list of coal screen bottoms without frame (wire cloth only), will be found on page 29.

"BUFFALO" Foundry Riddles

"BUFFALO" Galvanized Foundry Riddle

"BUFFALO" Foundry Riddles for screening foundry sand.

They are constructed of elm rims with wire cloth securely fastened by drivers and liners and have, when specified either 2, 3, or 4 cross-wires to support the fabric. They are made from either steel, galvanized, or brass wire cloth.

"BUFFALO" Galvanized Foundry Riddles 2 to 8 Mesh

16" diameter . . . . . per dozen
18" diameter . . . . . per dozen
20" diameter . . . . . per dozen

"BUFFALO" Steel Foundry Riddles 2 to 14 Mesh

16" diameter . . . . . per dozen
18" diameter . . . . . per dozen
20" diameter . . . . . per dozen

"BUFFALO" Brass Foundry Riddles 2 to 14 Mesh

16" diameter . . . . . per dozen
18" diameter . . . . . per dozen
20" diameter . . . . . per dozen

Extra heavy sieves made from heavy wire cloth and heavy rims 18" in diameter for scrap iron, per dozen . . . . . $. . . . . .

We also manufacture fine brass sieves up to 250 mesh in all diameters, as well as riddles for mining or milling purposes.

Prices quoted upon application.

Crated, Tagged and Ready for Shipment

Section No. 2

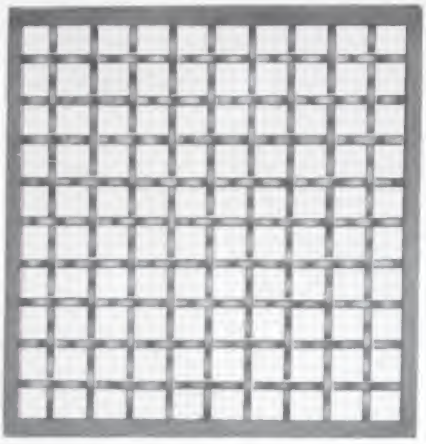
ORNAMENTAL IRON AND WIRE WORK

NOTE

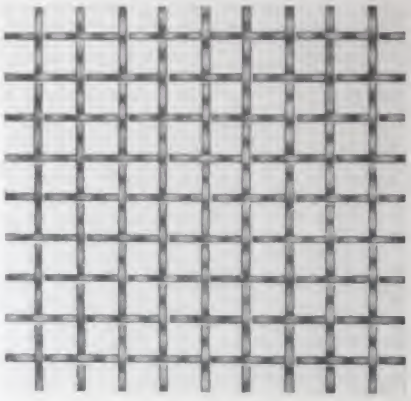
THE TERM "MESH" in all wire work as adopted by the National Association of Ornamental Iron and Bronze Manufacturers on October 8, 1915, indicates the space between parallel wires and we will execute all work accordingly.

"BUFFALO" Flat Wire Panels

THESE Flat Wire Panels are made to order only, and are not carried in stock. They are used for various purposes. No. 100-A and 102 are used extensively in the lower panels of the better class of screen doors to prevent the finer screen cloth from being damaged by kicking and also serves to beautify the screen door. No. 100-A is also used in fronts of wooden lockers and can be installed as shown by cut below. It affords free circulation of air, and is therefore much more desirable than the closed wooden front. Both of these designs are used extensively in confessionals of churches. In many cases these panels are used to protect windows under store fronts etc. where a more artistic effect is desired.



Crimped Flat Wire Panel No. 100 (With Channel Frame)



Crimped Flat Wire Panel No. 100-A (Without Frame)

Crimped Square Wire Panel No. 100-B

Detail Showing Method of Fastening No. 100-A Panels to Wood Frame

No. 100 and 100-A crimped Flat Wire Panels are made in the following Spaces and Wires.

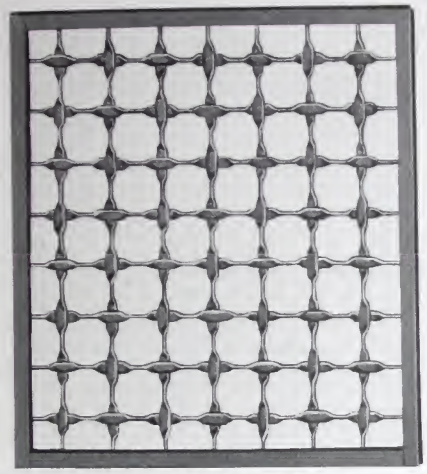
1/2" Space, 1/8" Flat Wire
3/4" Space, 3/16" Flat Wire
1" Space, 3/16" Flat Wire
1 1/4" Space, 1/4" Flat Wire
1 1/2" Space, 5/16" Flat Wire
2" Space, 3/8" Flat Wire

We manufacture these panels in Bronze, Brass and Steel metals, and to match any of the standard hardware finishes.

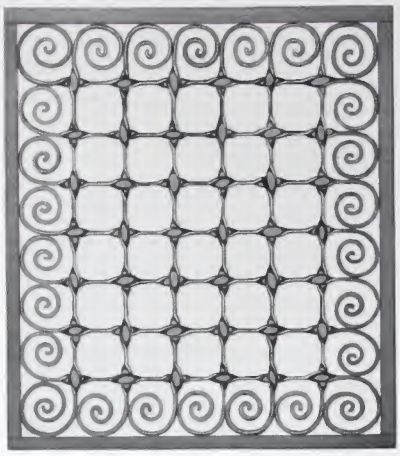
No. 100 is made with 1/2", 5/8", 3/4", 7/8", or 1" Channel Iron Frames according to size of panel, and space that can be devoted to frame of adjoining woodwork.

When writing for price, state size and finish desired, as these two items are necessary to enable us to quote intelligently.

"BUFFALO" Quarter Twist Flat Wire Panels



Quarter Twist Flat Wire Panel No. 101

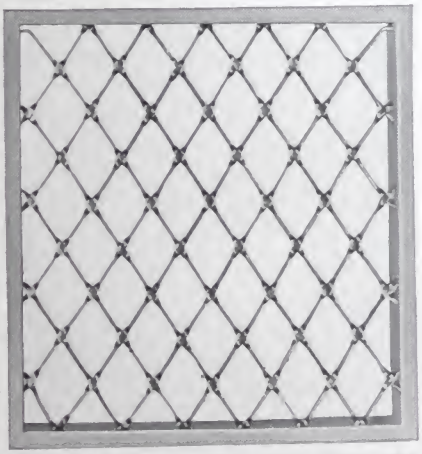


Quarter Twist Flat Wire Panel No. 102

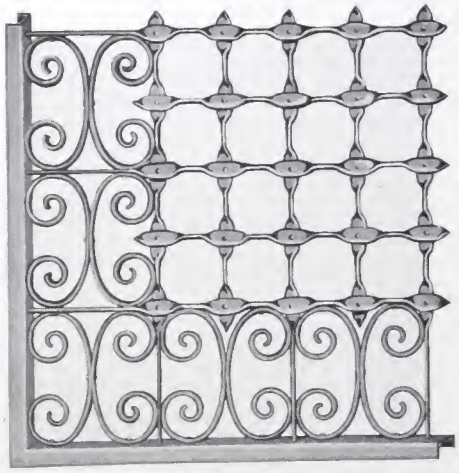
Our Quarter Twist Flat Wire Panels are made as follows:

1″ Space, 3/16″ Flat Wire
1 1/4″ Space, 1/4″ Flat Wire
1 1/2″ Space, 5/16″ Flat Wire
2″ Space, 3/8″ Flat Wire

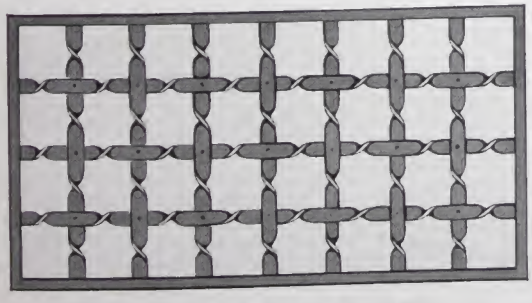
and can be made either plain like No. 101 or with scroll border like No. 102 with 1/2″, 5/8″, 3/4″, 7/8″, or 1″ Channel Frames. These panels are also used without any frame for protecting the bottom part of high grade screen doors, replacing glass that has been temporarily removed from office partitions for the summer, ticket windows, etc. Made of Steel, Brass or Bronze and finished in any of the standard hardware finishes. We show herewith a few designs of Quarter Twist Flat Wire Panels, and shall be pleased to submit special designs and prices to suit requirements.



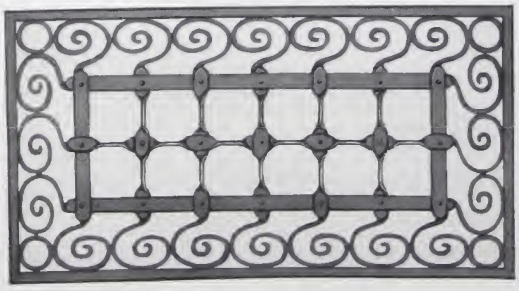
Quarter Twist Flat Wire Panel No. 104-A
Diamond Mesh



Quarter Twist Flat Wire Panel No. 105

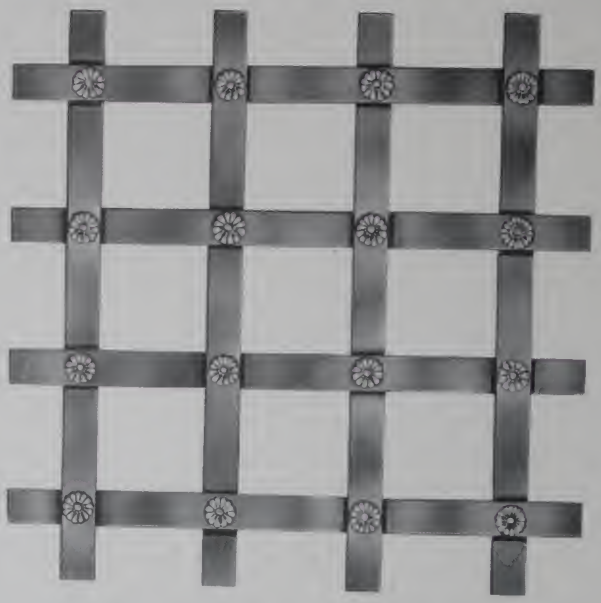


Heavy Twist Panel No. 107



Panel No. 108

"BUFFALO" Embossed Flat Wire Panels



Embossed Flat Wire Panel No. 103

WE show herewith only one of the many designs of Embossed Flat Wire Panels which we are able to manufacture and which are rapidly being specified by leading architects.

Our latest improved machinery enables us to make these panels with any desired embossed figure or trade mark, and adds very much to the artistic effect of the work. It also gives the appearance that each intersection is riveted.

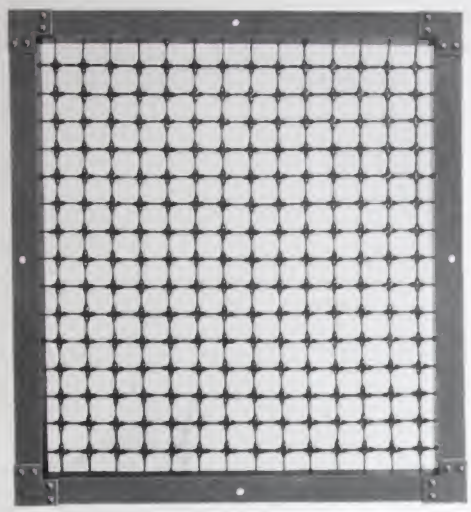
When making special designs of embossed panels, a nominal extra charge is made to cover the cost of dies, which are used for that particular job. This, however, is very small as we only charge the exact cost of making new dies.

This class of work can be made in the same range of spaces and wires as our crimped flat wire panels, shown on page 72 and can be used for office partitions, desk railings and in fact most anywhere that a neat artistic piece of wire work is required.

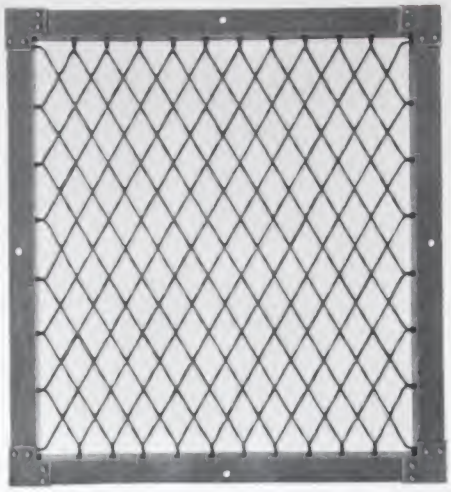
We also manufacture these panels with 1/2", 5/8", 3/4", 7/8" or 1" Channel Frames.

Embossed Flat Wire Panels, like crimped Flat Wire Panels are made of Bronze, Brass and Steel metals and to match any of the standard hardware finishes. Price upon application.

"BUFFALO" Register Face Panels



Register Face Panel No. 600



Register Face Panel No. 601

OUR wire Register Face Panels are rapidly taking the place of the clumsy cast iron register faces formerly installed in public buildings, as architects, engineers and the building public in general come in contact with them and recognize their great superiority.

The fact that they are practically indestructible makes them much more durable as well as neater in appearance, and the cost of installation is considerably less.

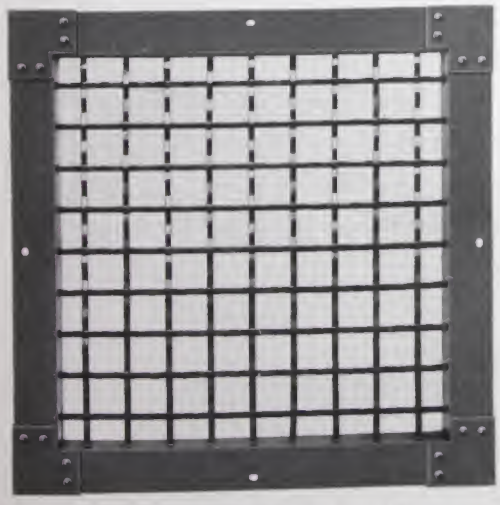
They do not collect as much dust as the ordinary cast register face on account of being made of wire either round or flat which has a less dust collecting surface than the cast iron register face.

We make these register faces to order only, to fit openings of any size or shape, which obviates the necessity of clipping or re-cutting openings in brick walls, thereby saving much labor in fitting them. They can be used with regular cast boxes for either heat or vents.

The following, Nos. 600, 601 and 602 are our leaders. We can, however, make them in any ornamental design according to desires.

These register faces are finished in any of the following: Black Japan, Gold or Aluminum Bronze, Electro Plated in Oxidized Copper, Nickel or any color enamel. They can also be made of brass with polished or satin finish.

"BUFFALO" Register Face Panels are also constructed with a flat frame and the fabric electrically welded to same by our new electric welding process which makes the cost of them considerably less, in places where this construction can be used. They are practically as strong as our regular register face panels which are made with angle iron frames, and the appearance is exactly the same.



Register Face Panel No. 602

In requesting price kindly mention whether angle or flat frame is desired.

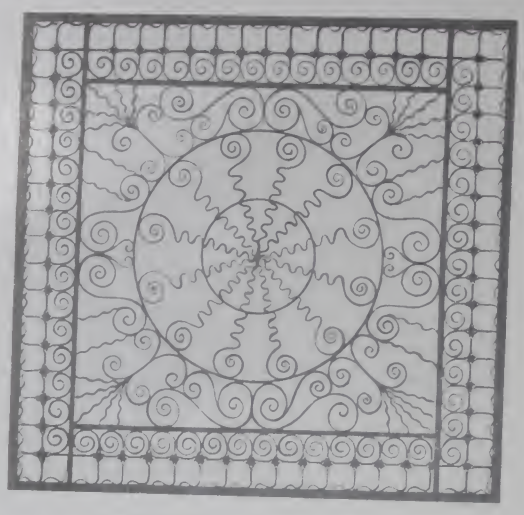
Prices quoted upon receipt of list of sizes and quantity desired.

Illustration No. 602 shows the standard "BUFFALO" Register Face Panel for school houses, office buildings and churches.

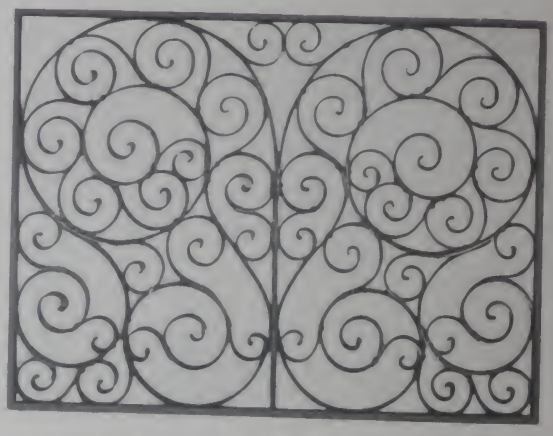
This design is plain and neat and the fact that the wires are only 1/16" thick, does not afford a dust accumulating area.

Special large sizes for openings near the floor of a room are reinforced by a steel rod running through the center to withstand kicks and knocks which they are liable to get.

"BUFFALO" Ornamental Panels and Guards



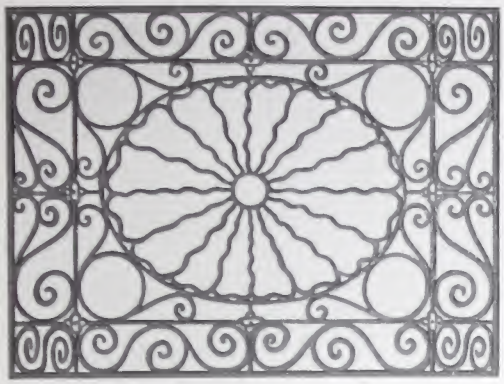
Ornamental Panel No. 109



Ornamental Panel No. 110

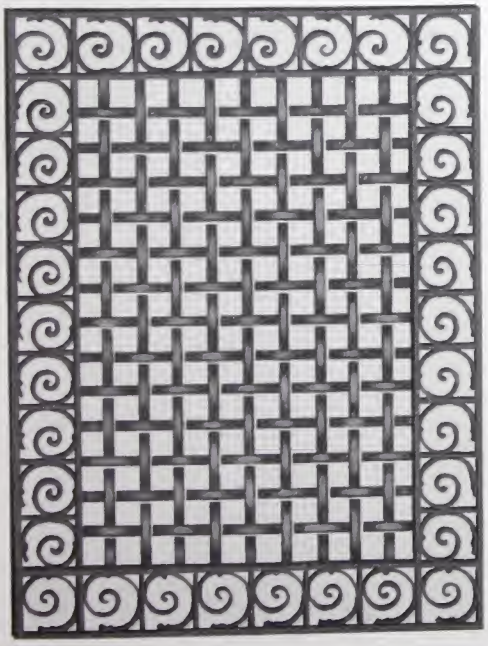
Ornamental Panel No. 111

"Buffalo" Ornamental Panels and Guards—Continued



Ornamental Panel No. 112

Ornamental Panel No. 113

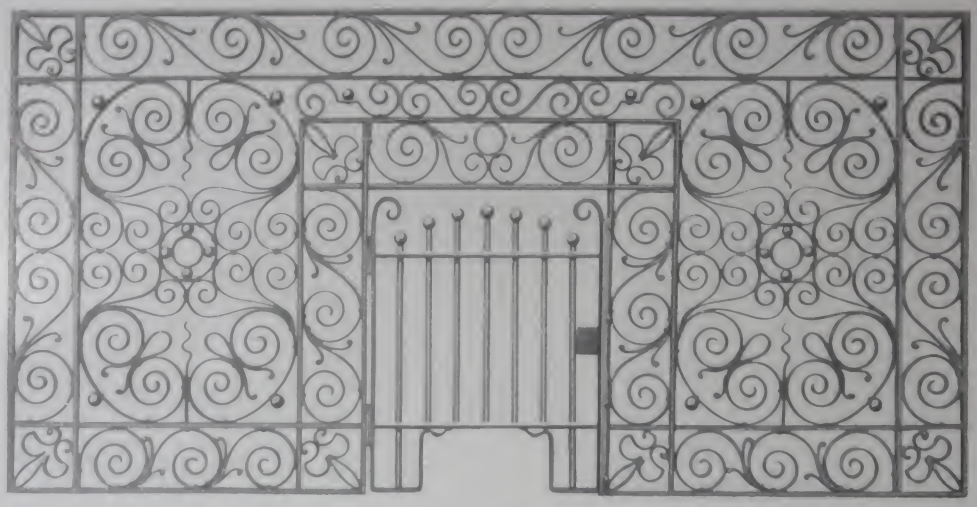


Ornamental Panel No. 114

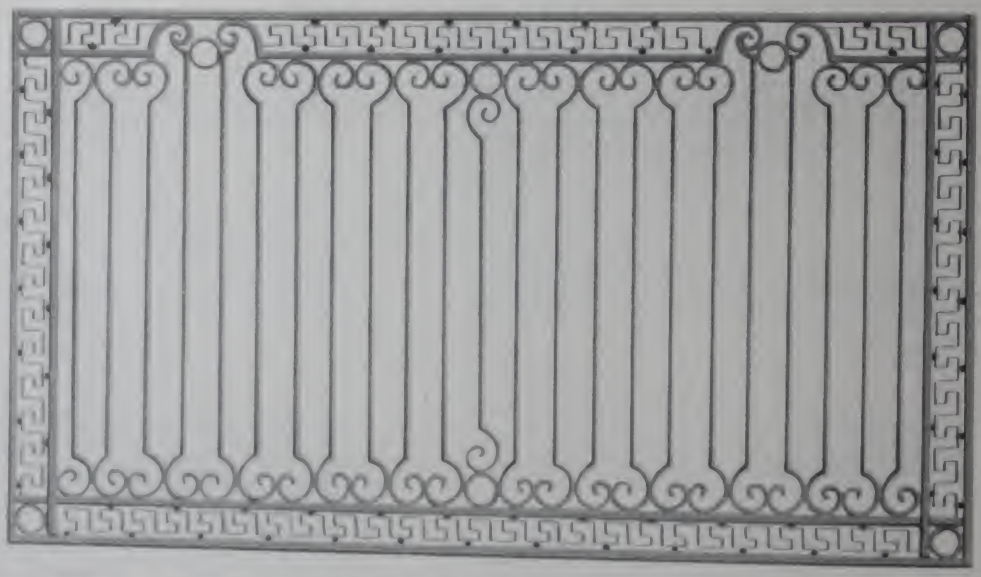
Ornamental Guard No. 174

Ornamental Panel No. 115

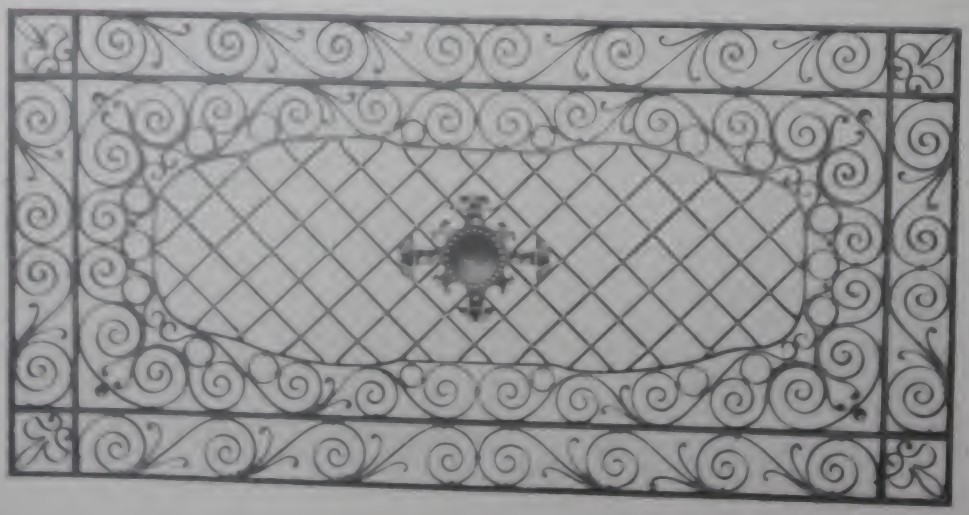
"Buffalo" Ornamental Panels and Guards—Continued



Ornamental Panel No. 116 (with Wicket)

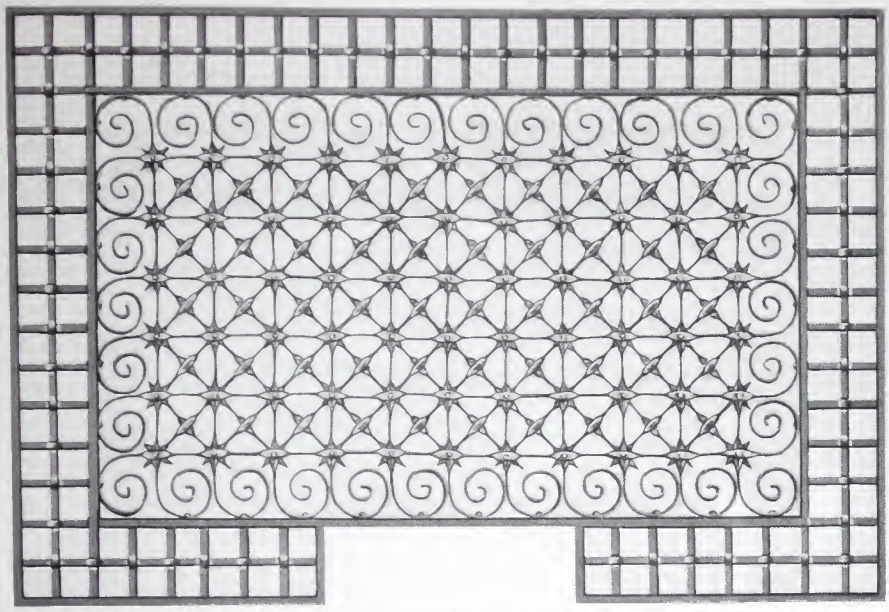


Ornamental Panel No. 117



Ornamental Panel No. 118

"Buffalo" Ornamental Panels and Guards—Continued



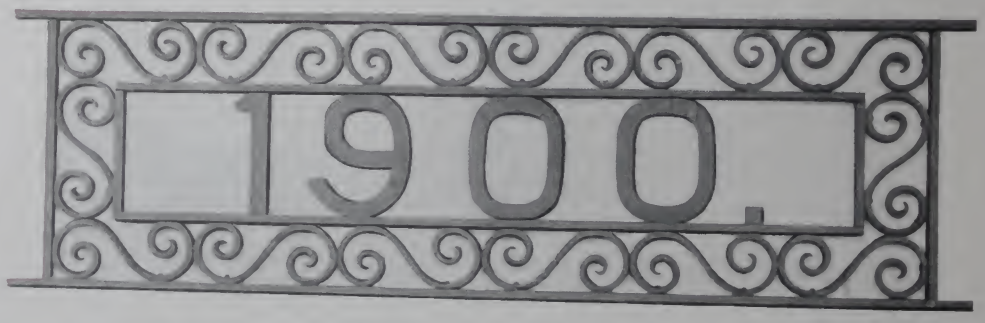
Ornamental Panel No. 119

Ornamental Panel No. 120

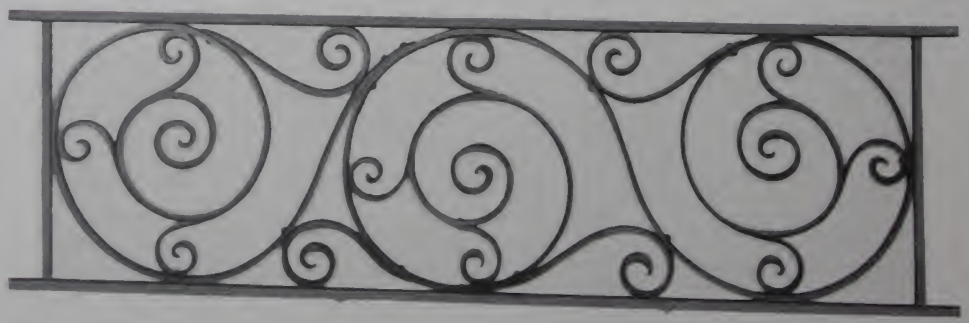
Ornamental Panel No. 106

"Buffalo" Ornamental Panels and Guards—Continued

Ornamental Guard No. 160



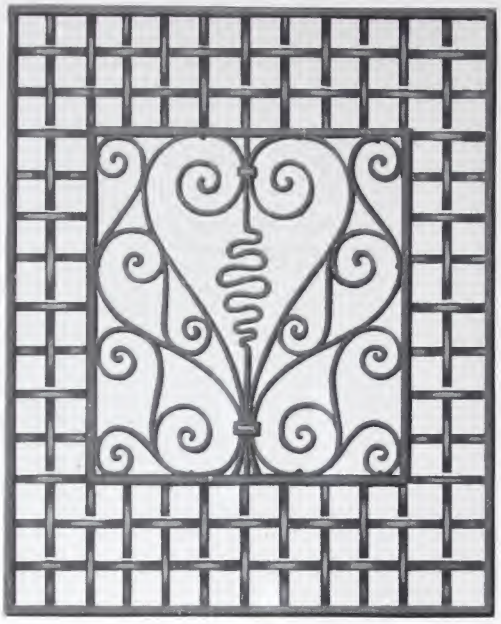
Ornamental Guard No. 161



Ornamental Guard No. 162

"Buffalo" Ornamental Panels and Guards—Continued

Ornamental Guard No. 168
(for Bank Counters)



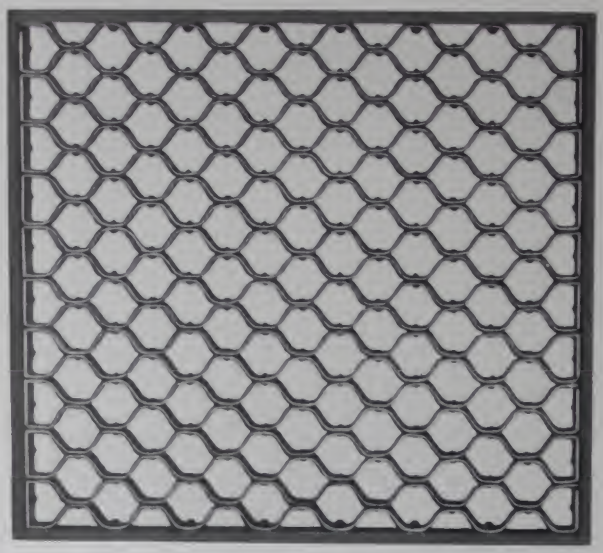
Ornamental Guard No. 165
(for Basement Windows)

Ornamental Guard No. 169
(for Bank Counters)

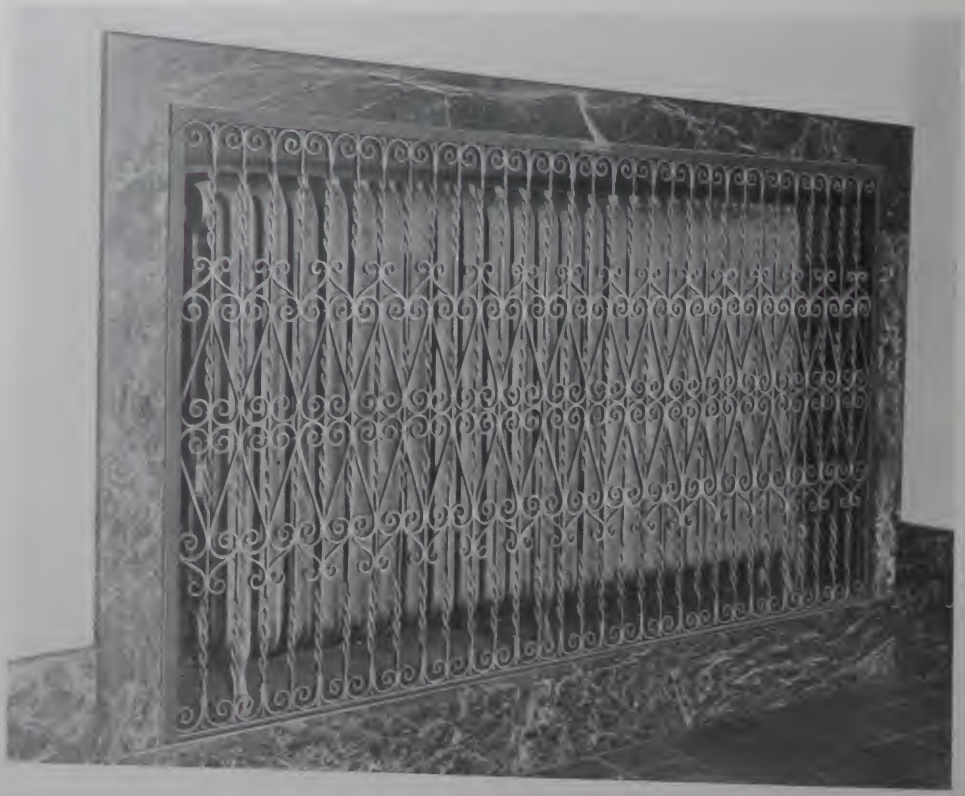
Ornamental Guard No. 170

Scroll Guard No. 171

"Buffalo" Ornamental Panels and Guards—Continued

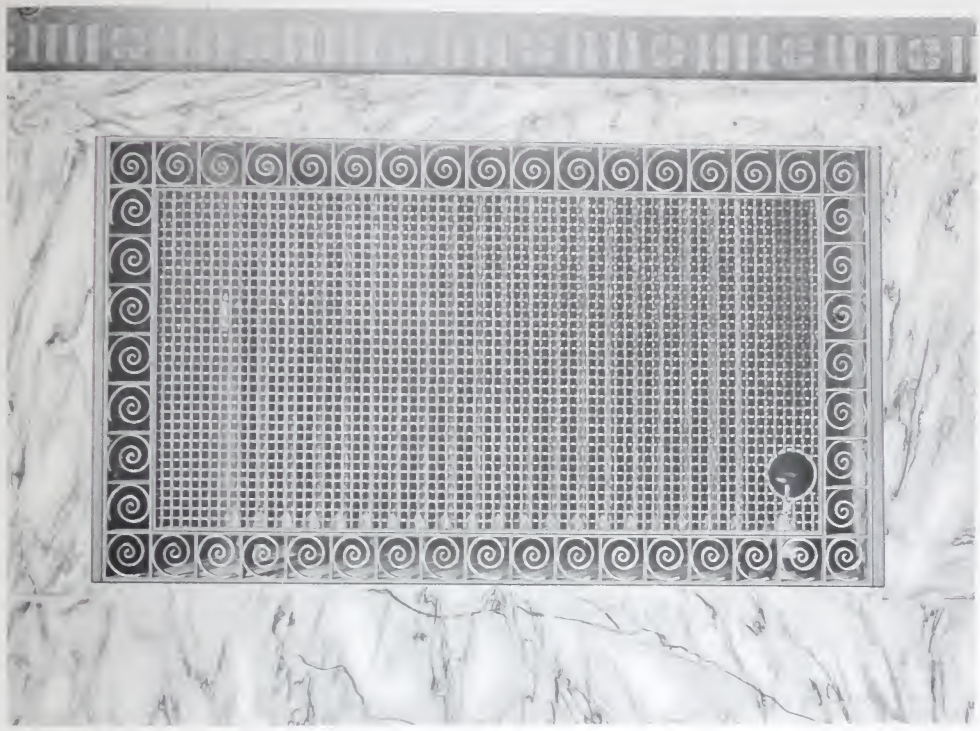


Floor Grating No. 167 (for Engine Rooms, etc.)

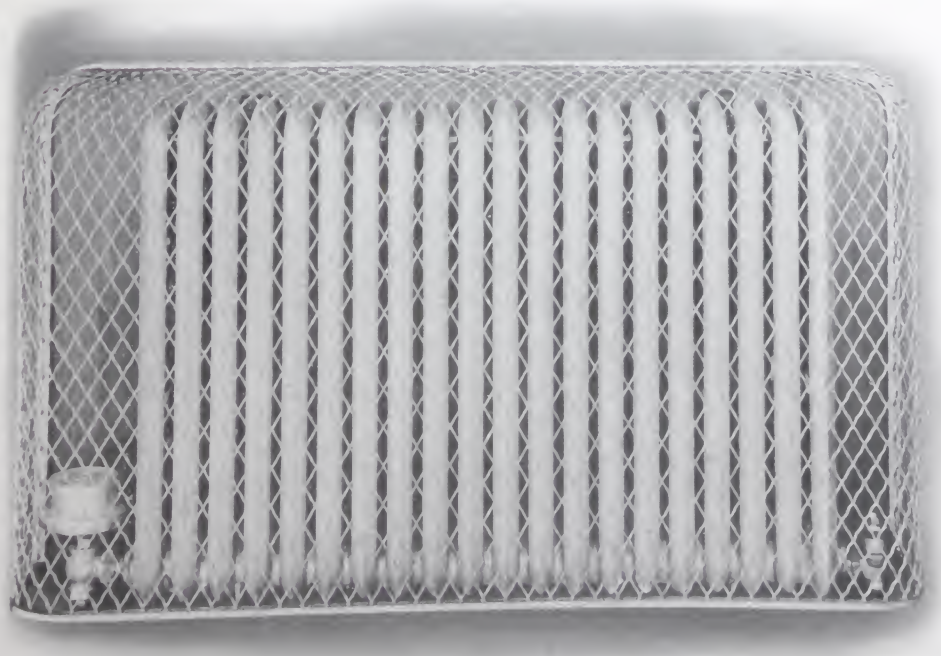


Radiator Guard and Grille No. 282

"BUFFALO" Ornamental Panels and Guards—Continued



Radiator Guard and Grille No. 283



Radiator Guard No. 283-A

No. 283-A—Radiator Guard made of "BUFFALO" Diamond Mesh Fabric and Channel Iron Frame. Used in Schools, Public Halls and Churches. This Style Guard can also be made with Round Iron Frame.

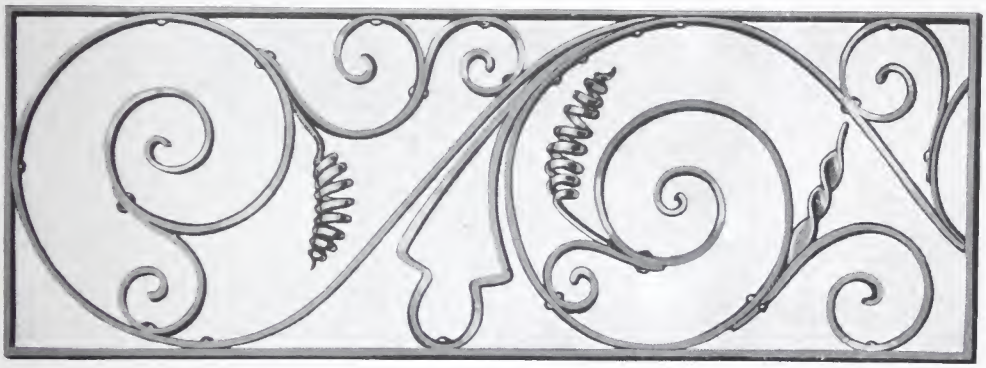
Ornamental Arches

Ornamental Arch No. 157

Ornamental Arch No. 158

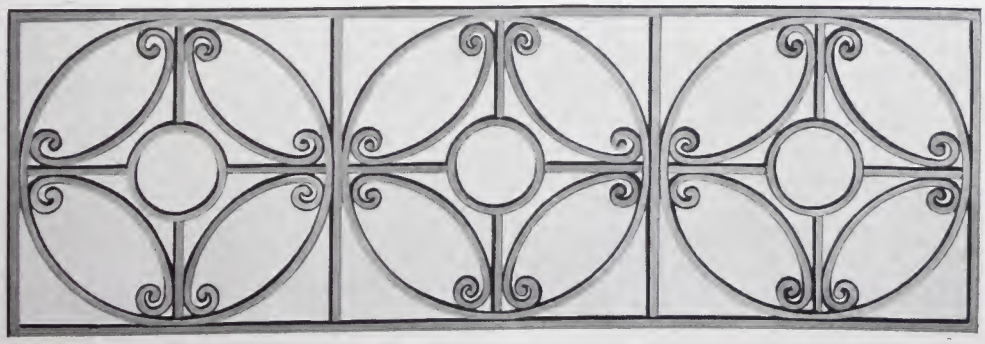
Grilles

Grille No. 121



Grille No. 122

Grille No. 124

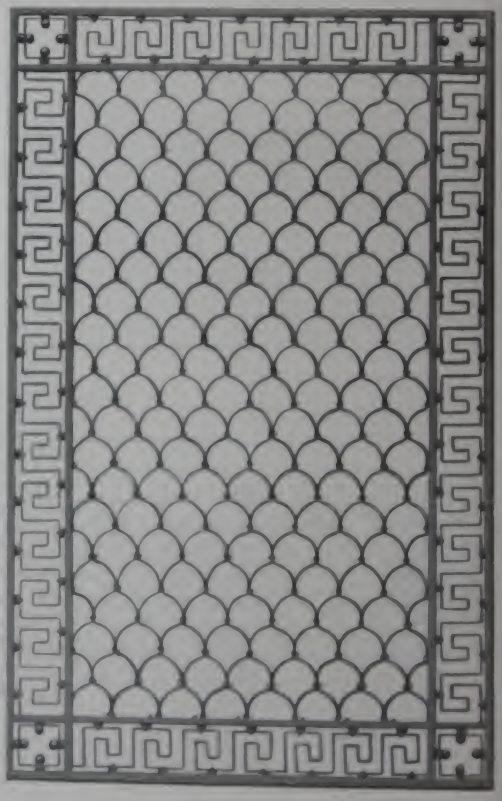


Grille No. 156

Grilles—Continued

Grille No. 155

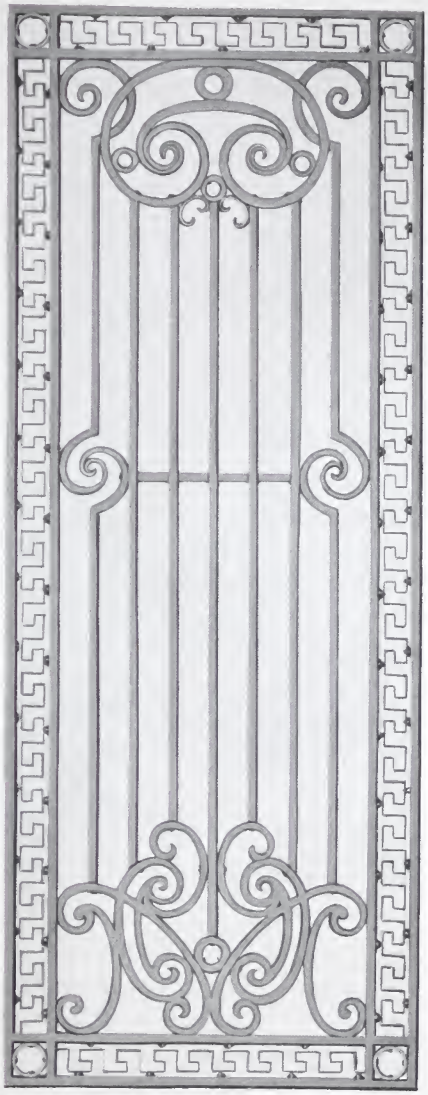
Grille No. 123



Door Grille No. 148

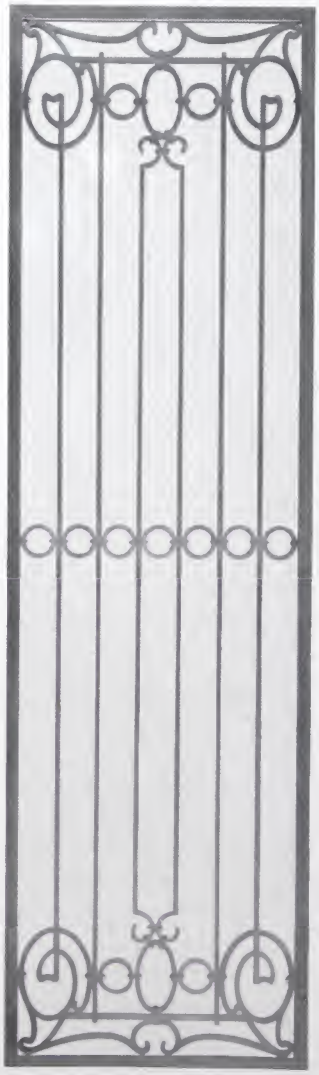
Grille No. 151

Grilles—Continued



Door Grille No. 147

Door Grille No. 141



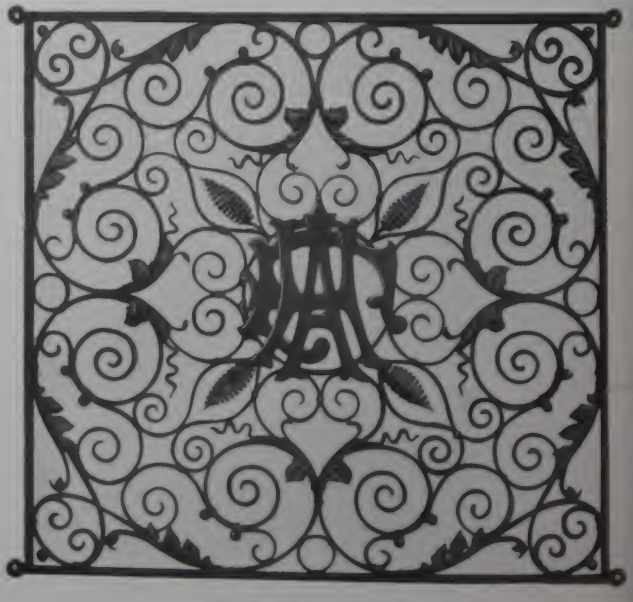
Door Grille No. 147-A

Grilles—Continued

Door Grille
No. 128

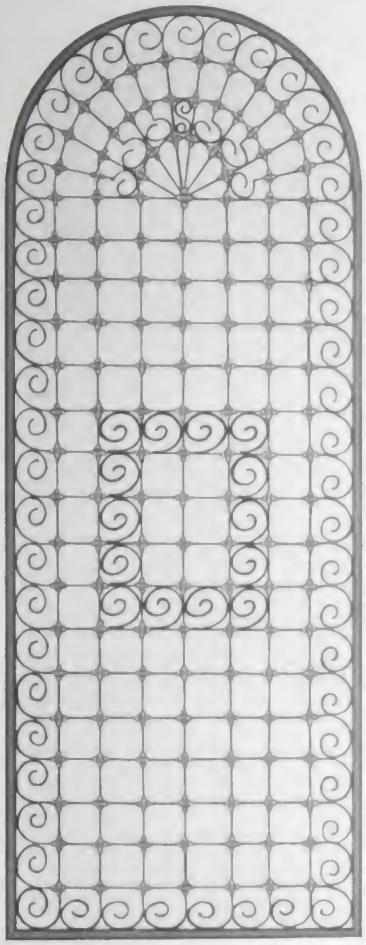
Door Grille No. 135

Door Grille No. 137

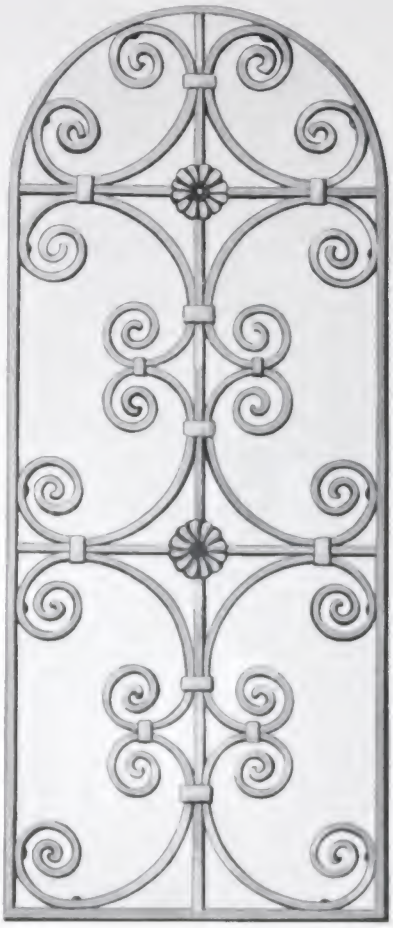


Door Grille No. 139

Grilles—Continued

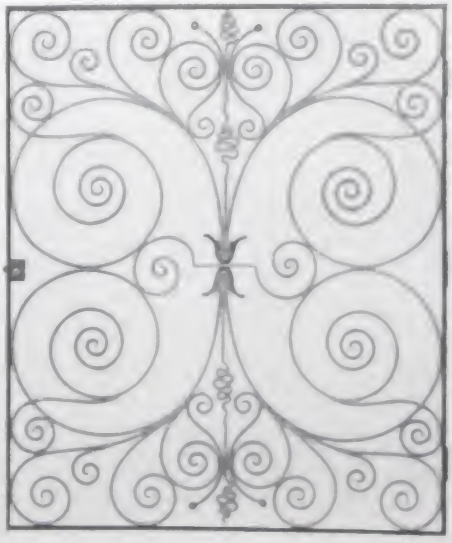


Door Grille No. 142



Door Grille No. 144

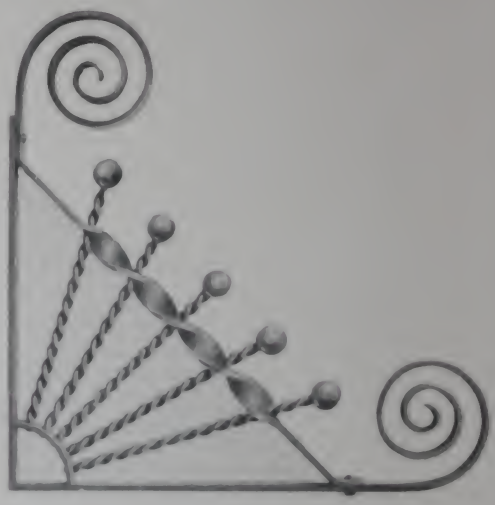
Door Grille No. 138



Door Grille No. 145

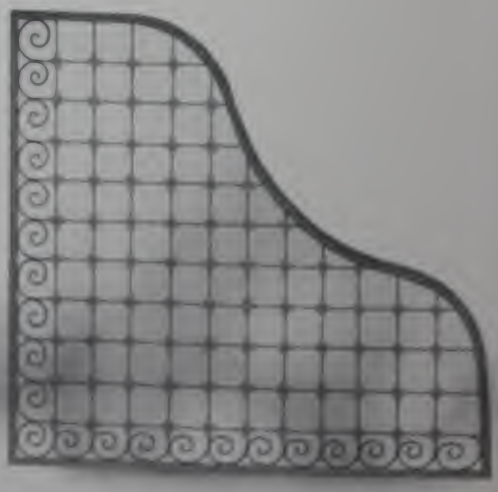
Teller Guards

Teller Guard No. 199



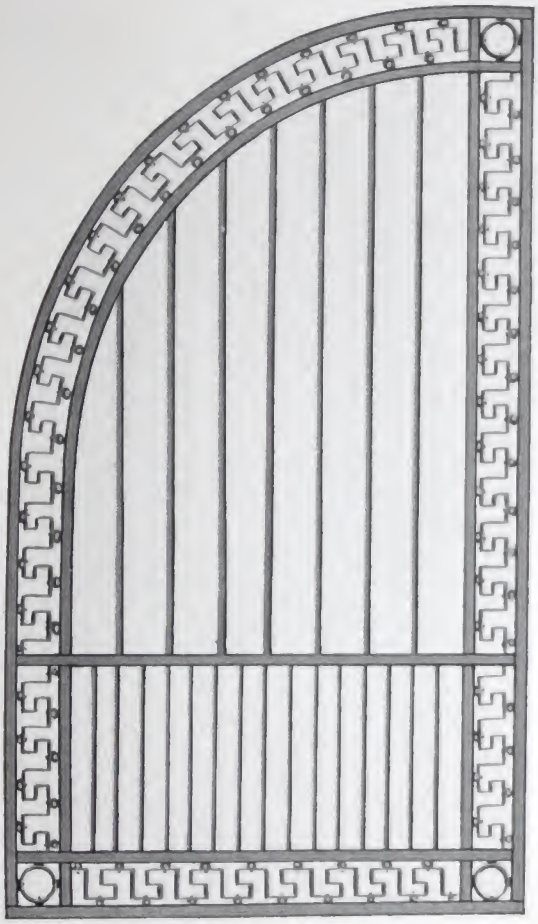
Teller Guard No. 200

O. G. End No. 204

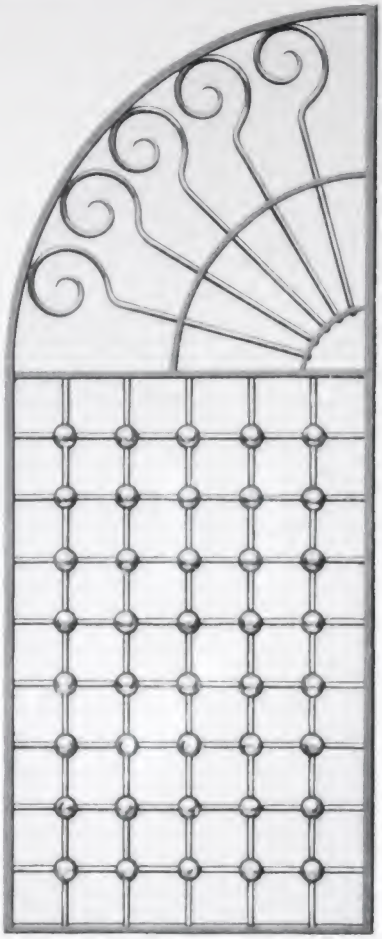


O. G. End No. 206

Teller Guards—Continued



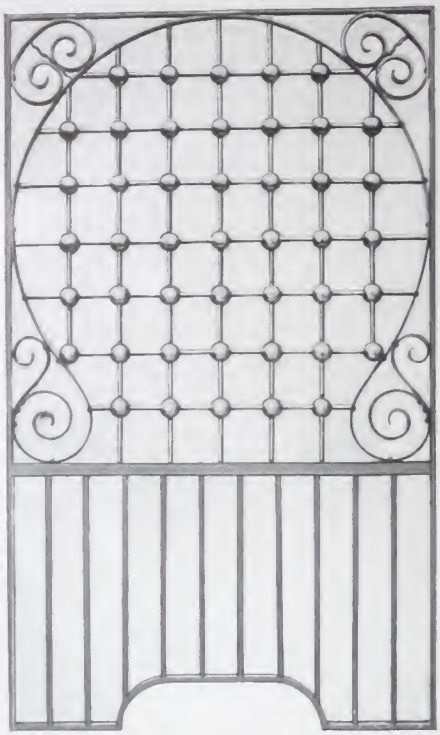
Teller Guard No. 201



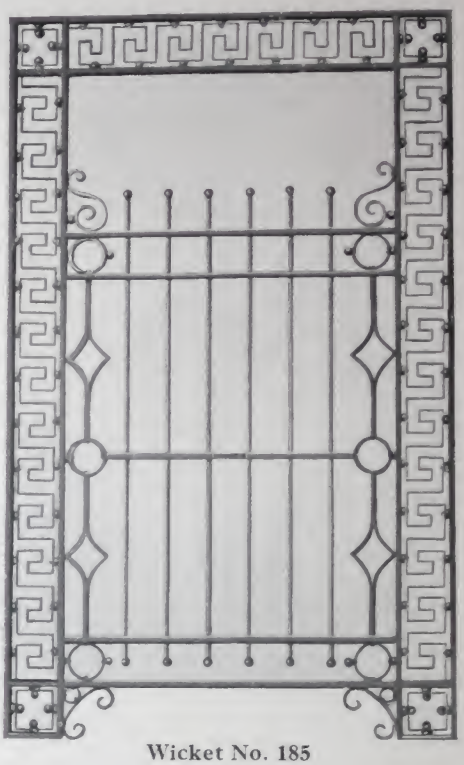
Teller Guard No. 202

Metal Currency or Money Guard No. 207

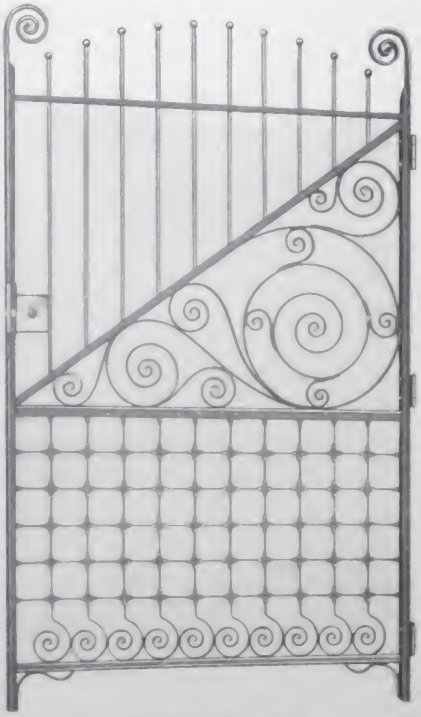
Wickets



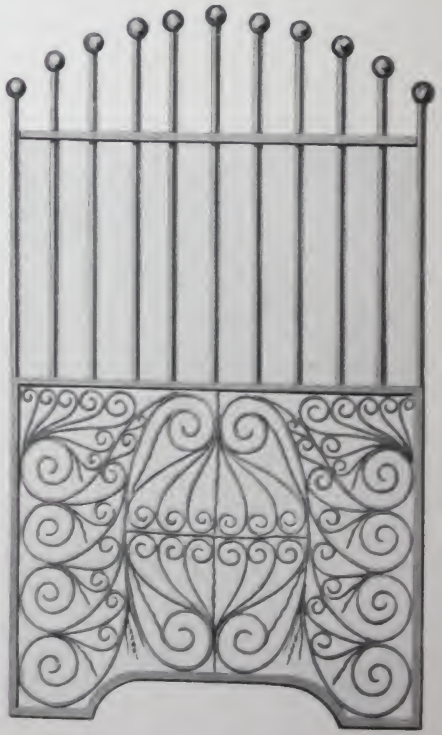
Wicket No. 183



Wicket No. 185

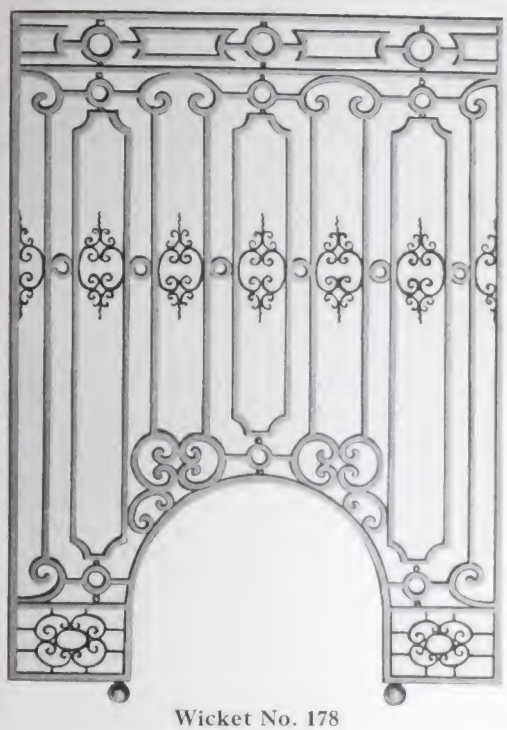


Wicket No. 188



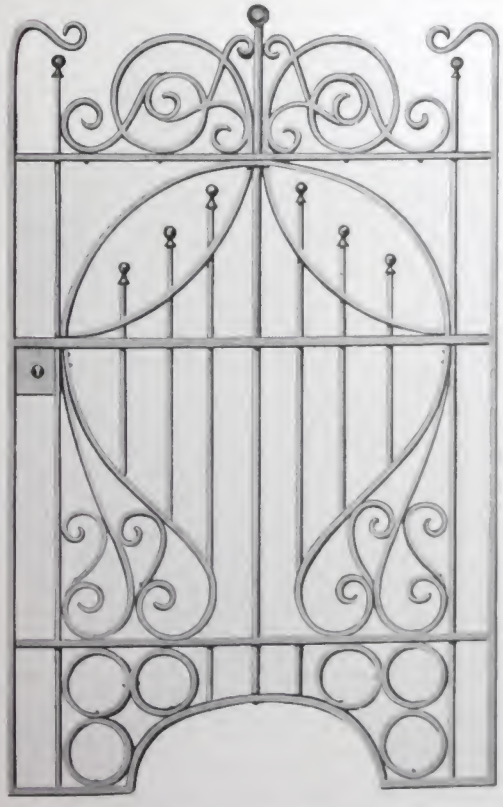
Wicket No. 196

Wickets—Continued



Wicket No. 178

Wicket No. 189



Wicket No. 190

Wicket No. 193

Wickets—Continued

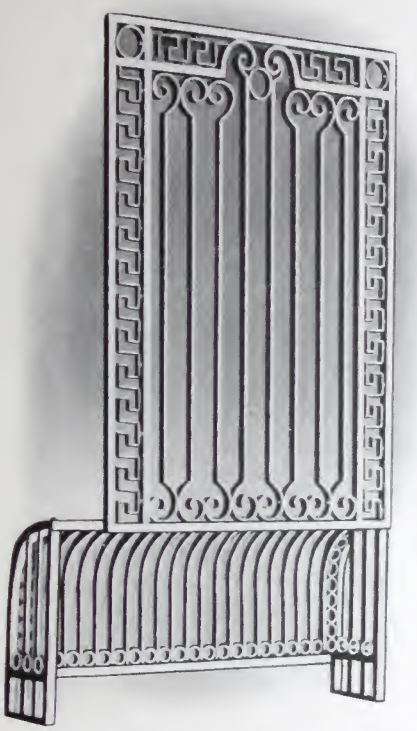
Wicket No. 179

Wicket No. 187

Wicket No. 194

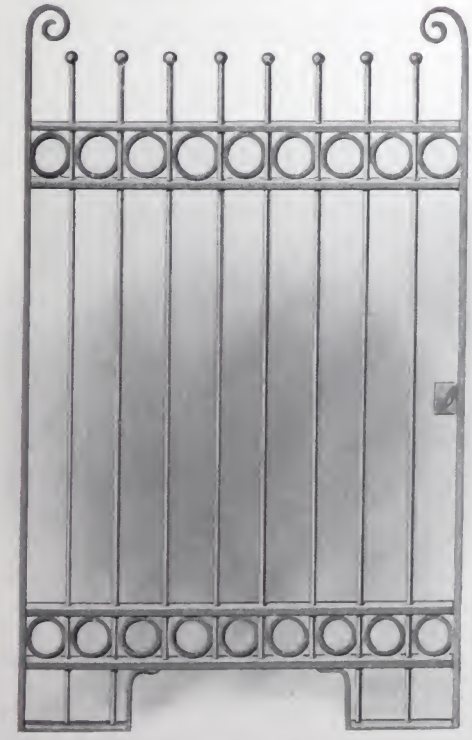
Wicket No. 197

Wickets—Continued

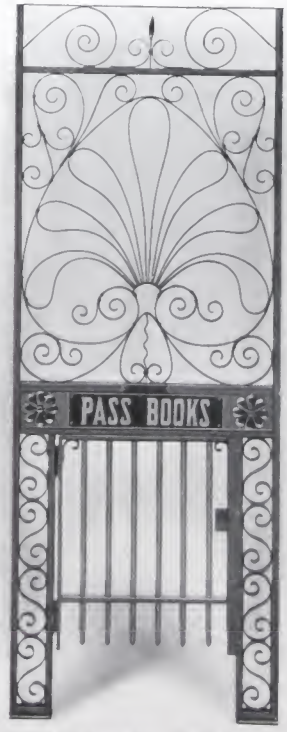


Wicket No. 176

Wicket No. 195



Wicket No. 198



Wicket No. 180-A

Wickets—Continued

Wicket No. 175

Wicket No. 175-A

Wicket No. 181

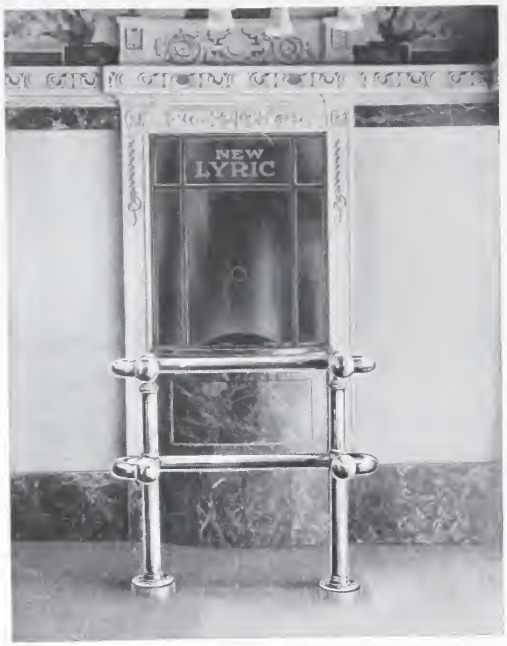
Polished Brass or Bronze Rails

OUR Polished Brass or Bronze Rails are made principally of 2″ tubing, but can be made of a larger size if desired. Can be curved to most any radius or made straight.

These railings are used in front of Cashier or Bank Teller windows, or in front of Ticket windows, also used on stairs as a guide rail, or in front of theatre boxes, and as balcony rails. Owing to the fact that they are highly polished they add much to the finished appearance of theatres, banks and offices. We can also give the satin finish where desired.

We show herewith a number of standard rails which we have manufactured.

Brass or Bronze Rail No. 220-A
(for ticket or cashier windows)



Brass or Bronze Rail No. 221-A

Brass or Bronze Rail No. 221-B

Polished Brass or Bronze Rails—Continued

Brass or Bronze Hand Rail No. 222-A
(for door steps)

Brass or Bronze Hand Rail No. 222-B
(for door steps)
Also shows "BUFFALO" Diamond Mesh Fabric used in veranda openings

Ornamental Floor Railings

How to Order

IN ordering or requesting price on any of the following Floor Railings we would request that a small sketch be sent to us as per illustration below showing length over all, position of gate or any other openings and direction in which gate is to swing, also on what side of gate latch is to be placed if any. The height of railing from floor to top rail over all (not including pickets), and the distance from floor to bottom rail. When this measurement is not specified we raise the railing (3 inches) to allow for sweeping.

Also state what color or finish is desired.

We furnish these railings complete to erect, which can be done by most any carpenter or any person who can handle screw-driver and hammer.

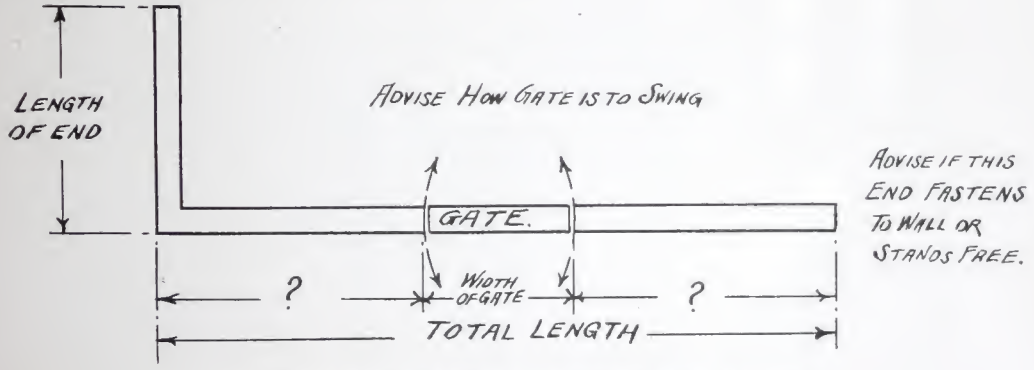


Diagram Showing How to Measure Floor Railing

These railings, a few designs of which we herewith illustrate, are used for numerous purposes, such as a division in offices where it is not desired to place a partition entirely to the ceiling. At the end of a counter to side wall to prevent intruders behind the counter, and to guard machinery.

We generally make these railings three feet high, but they can be made any height to suit requirements.

Ornamental Floor Railings

Some of these railings are made in plain diamond mesh with channel iron frame, and some are made of flat iron worked up to any artistic design.

Our gates are equipped with a secret latch that is simple to operate when shown how, but puzzling to those who are not informed as to its operation. We can also equip these gates with an electric lock that can be operated by merely pressing a button at any distance from the gate, which in some cases is desirable, as it is not necessary to go near the gate to allow persons to enter thereby saving time, and avoiding disturbance.

All our railings are furnished with floor sockets that can be screwed down to the floor, together with side braces, where necessary making in all a substantial, strong and neat looking railing.

They can be painted any color or finished in Gold or Aluminum Bronze.

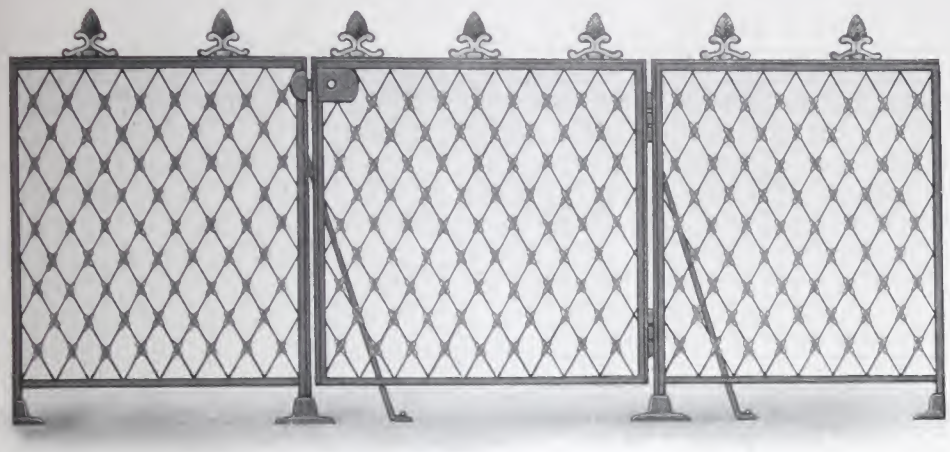
Ornamental Floor Railings—Continued

Ornamental Iron Floor Railing No. 223 (Brass Top Rail)

Ornamental Iron Floor Railing No. 224

Ornamental Iron Floor Railing No. 223A (Brass Top Rail)

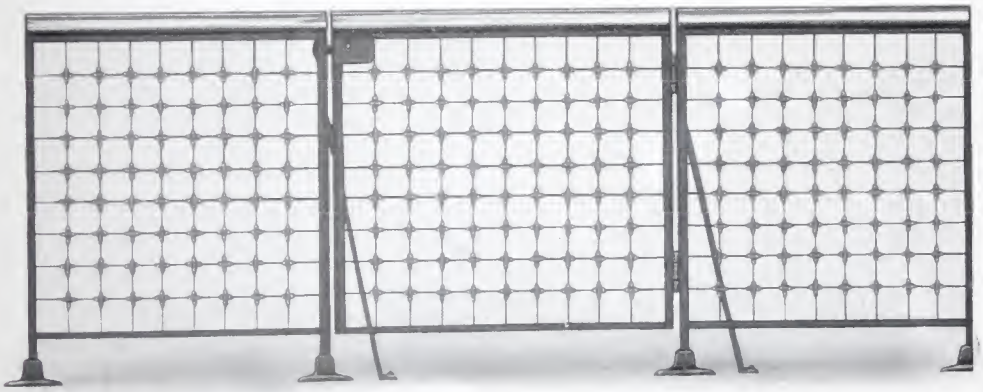
Ornamental Floor Railings—Continued



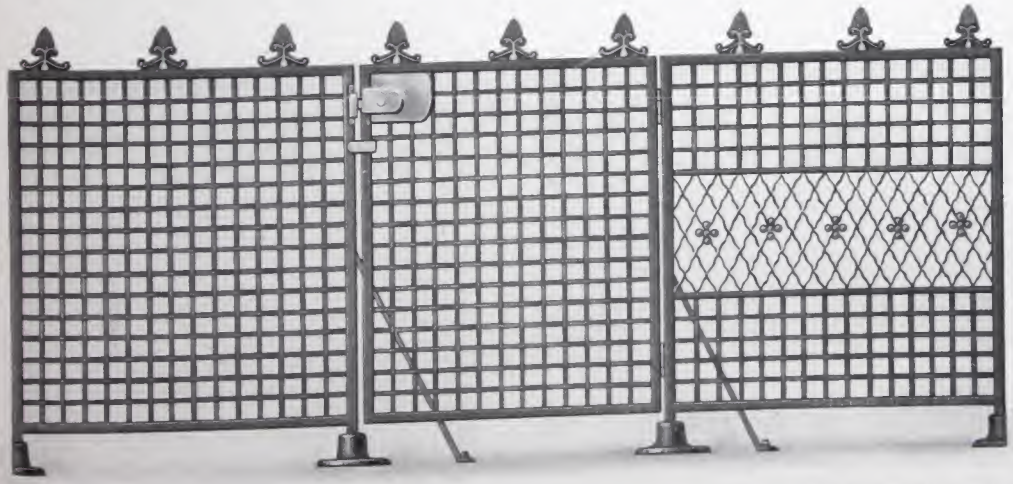
Flat Wire Floor Railing No. 225

Illustration shows our No. 225 Floor Railing made of 2″ diamond mesh with one quarter twist, 5/16″ flat wire in channel iron frame with our No. 1 picket. We can furnish our No. 2, 5 or 6 picket, however if desired, or if something less elaborate is desired can be made without pickets.

Flat Wire Floor Railing No. 226 (Brass Top Rail)



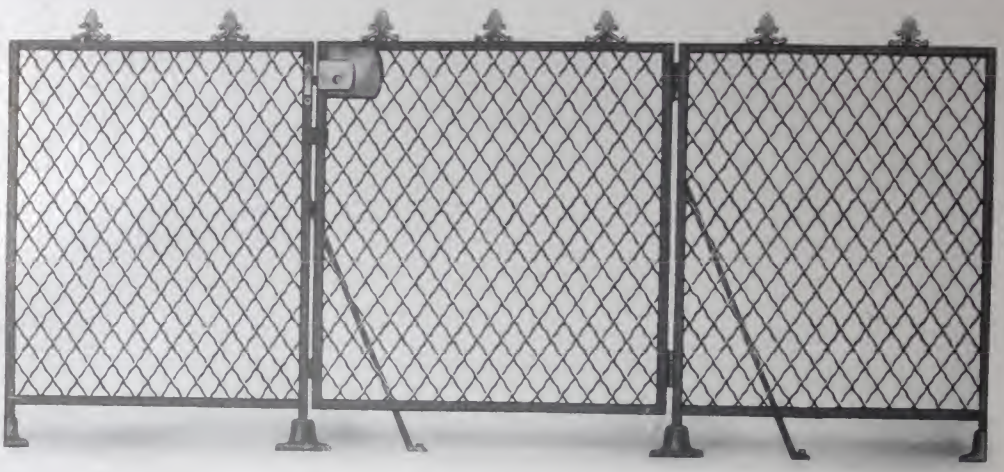
No. 226 Floor Railing is made of 2″ square mesh with one quarter twist 5/16″ flat wire with 1 1/2″ polished brass tubing top rail. The body of this railing is generally finished dead black.



Flat Wire Floor Railing No. 227

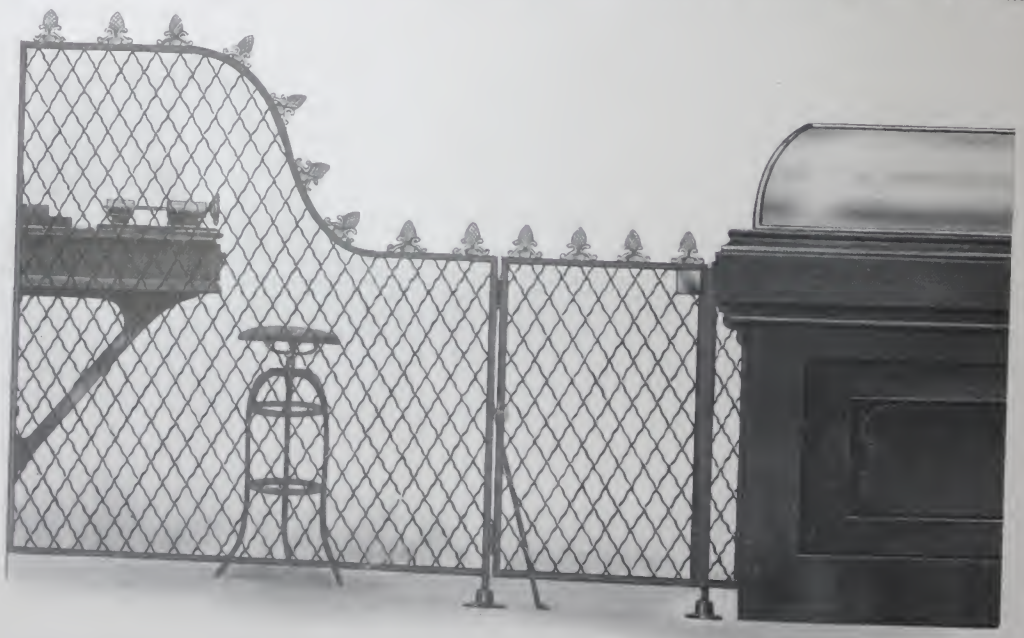
No. 227 Flat Wire Floor Railing is made of 2″ square mesh, 5/16″ flat wire and can be painted any desired color or Bronzed in Gold or Aluminum, with or without pickets.

Ornamental Floor Railings—Continued



Wire Floor Railing No. 228

This railing is made of a 2″ diamond mesh No. 9 W. & M. Gauge (.148″) wire, in a channel iron frame with or without pickets. Painted any desired color or Bronzed, Gold or Aluminum.



Wire Floor Railing No. 248

Our No. 248 Floor Railing is made similar to our No. 228, No. 248, however, having one high end, and is used principally by jewelers. The high end allowing a work bench to be placed at that section, and affording protection and preventing interference with delicate tools and instruments. The mesh is usually 1 1/2″ diamond No. 10 W. & M. gauge (.135″) wire in channel frame. Finished in any color or Bronzed, Gold or Aluminum.

The gate is equipped with our secret latch which prevents only those who know how to operate it to enter.

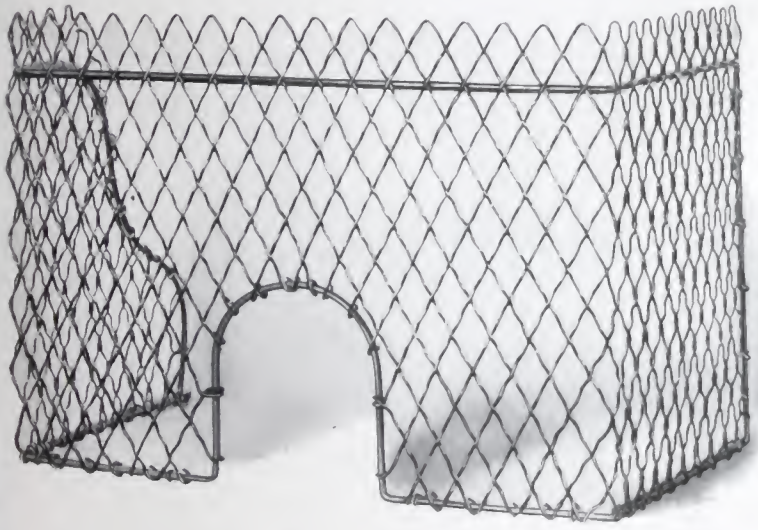
In ordering give length over all, height at each end, and small sketch showing which way gate should swing and on which side latch is wanted.

Desk and Counter Railings

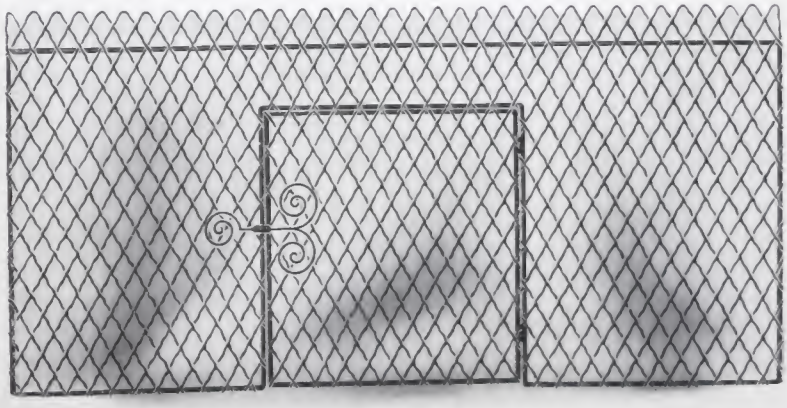
WE illustrate herewith a number of Desk and Counter Railings that we have made, which will serve to give an idea of the variety of styles that can be used for this purpose. We shall be pleased to make up special designs upon request. These railings allow free passage of air and do not obstruct the light, are neat in appearance and by far superior to wood, glass or clumsy iron railings.

They are not carried in stock and can, therefore, be made any size or to fit any counter.

In ordering kindly send sketch showing a plan of the railing and give all dimensions correctly, location and size of cash openings and also state if pickets are wanted and what style (See page 110, Pickets and Ornaments). (As stated above, these railings are made to order and in the event of an error which could not be remedied, are of no use to us as they are made to fit dimensions exactly as given). This will save delay in writing for this information which is necessary to quote price or execute the order.



Desk and Counter Railing No. 236



Window Railing No. 236½ (with door)

Nos. 236 and 236 1/2 are made of 1 1/4" crimped diamond mesh No. 12 W. & M. Gauge (.105") wire, with a 5/16" round iron frame, painted any color, and touched off with bronze or entirely bronzed. Makes a neat and inexpensive railing for temporary use.

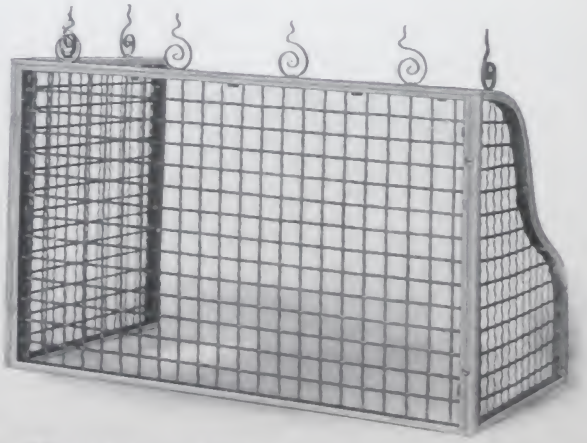
Made from 12" to 30" high, with or without cash opening.

Desk and Counter Railings—Continued

Desk and Counter Railing No. 237

Window Railing No. 237½
(with door)

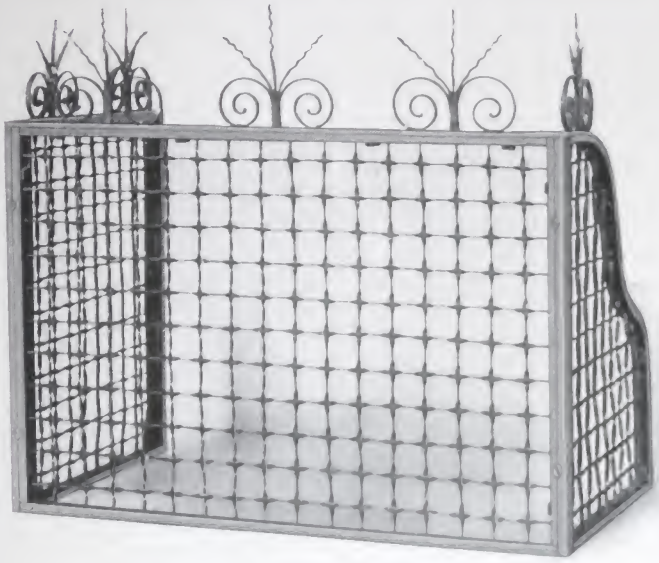
Our Nos. 237 and 237 1/2 are made of 1 1/4" crimped diamond mesh No. 11 W. & M. Gauge (.120") wire, with 1" x 3/8" channel iron frame, and are more substantial than Nos. 236 or 236 1/2, having a channel iron frame instead of round iron and being made of heavier wire. Made plain or with pickets.



Desk and Counter Railing No. 238

This style of Desk Railing is made of a flat wire in meshes ranging from 1" to 1 1/2" with a channel iron frame, with or without pickets or ornaments. Can be made with cash openings of any size or shape. Finish is usually Gold Bronze.

Desk and Counter Railings—Continued



Desk and Counter Railing No. 239

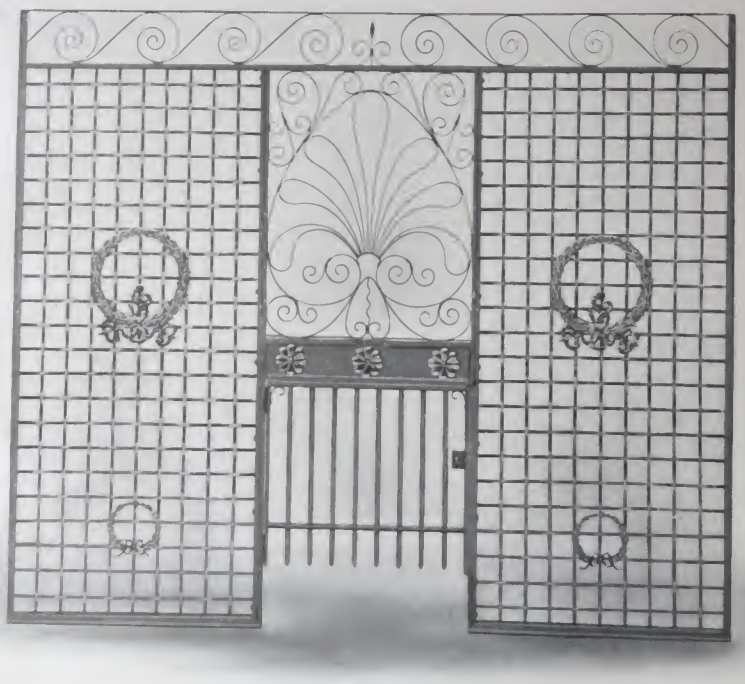
We make this railing of a twisted flat wire in square mesh 1 1/2" or 2" with channel frame with ornaments or pickets on top. Cash opening of any size or shape can be placed in this railing.

Is made of Steel or Brass and finished in polished Brass, Oxidized Copper, Verdi Antique or painted or Bronzed.

Desk and Counter Railing No. 241

Desk and Counter Railing No. 245

Desk and Counter Railings—Continued

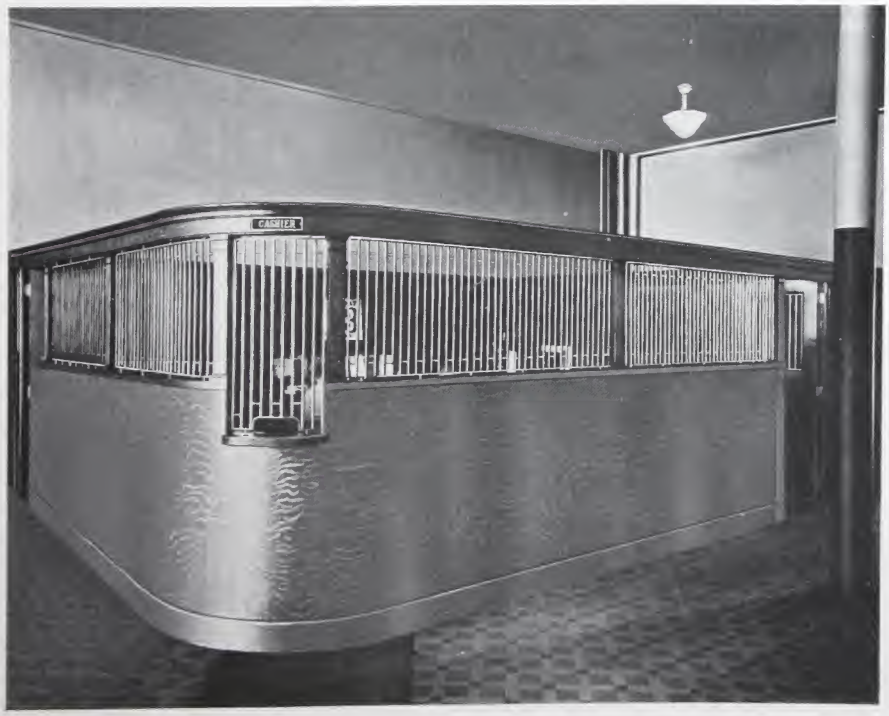


Desk and Counter Railing No. 243

Desk and Counter Railing No. 244

Desk and Counter Railings—Continued

Desk and Counter Railing No. 289



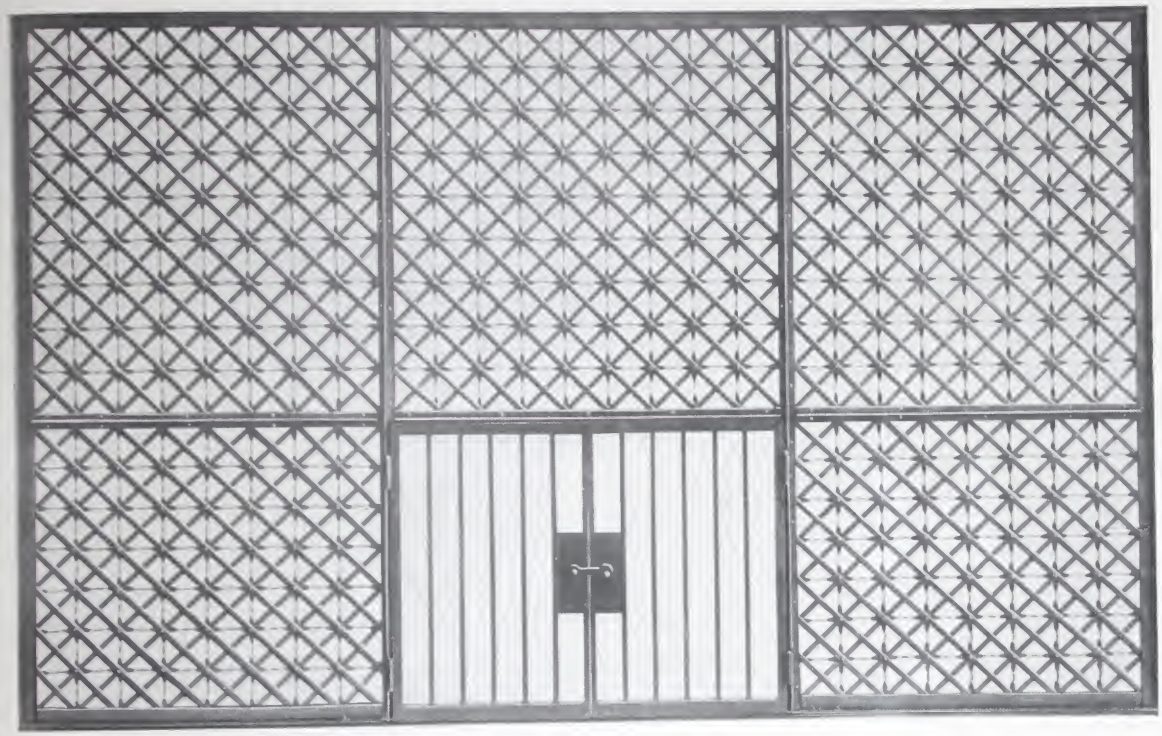
Desk and Counter Railing No. 290

Desk and Counter Railings—Continued

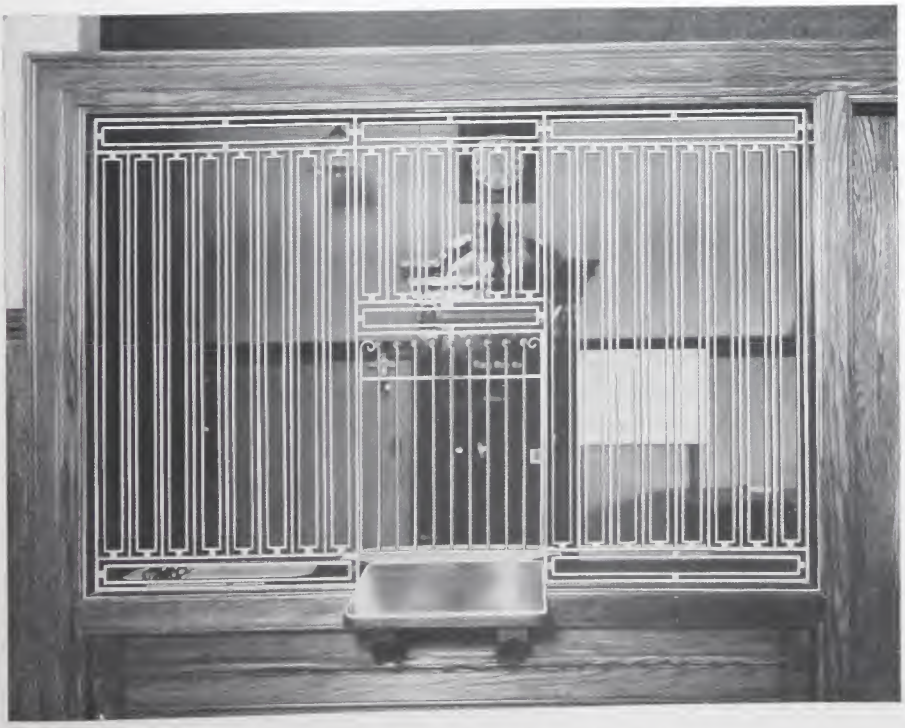
Desk and Counter Railing No. 291

Desk and Counter Railing No. 292

Desk and Counter Railings—Continued

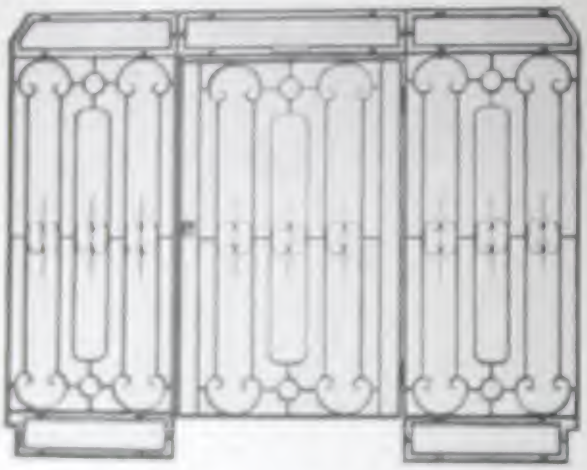


Desk and Counter Railing No. 293



Desk and Counter Railing No. 294

Desk and Counter Railings—Continued



Desk and Counter Railing No. 295

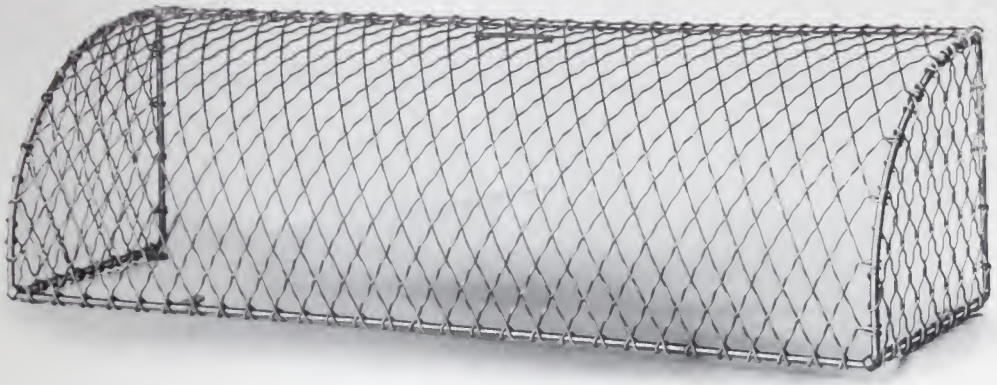
Pickets and Ornaments

The following Pickets and Ornaments may be used to ornament any of the wire partitions or enclosures described in this catalog by mentioning what style is desired.

Picket No. 1 2 3

Picket No. 4 5 6 7

"BUFFALO" Counter Guards



"BUFFALO" Counter Guard No. 250

INEXPENSIVE yet very serviceable. Protects articles from being taken from counter and handled without permission, and does not obstruct the view of goods displayed. Used on Display Counter to protect Notions, Candies, Toys, Meat, etc.

Made any length, width or height, and of 1" Diamond Mesh No. 12 W. & M. Gauge (.105") wire, with 5/16" round iron frame, neatly Painted, Bronzed or Enameled White. We furnish clips to allow guard to be screwed to counter when requested.

Also made with square top instead of round as illustrated.

"BUFFALO" Wire Umbrella Stands

"BUFFALO" Wire Umbrella Stand No. 1

THESE Wire Umbrella Stands are made entirely of wire and wrought iron. They are light and yet strong and durable and are used extensively in churches, schools, halls, stores, etc. They add convenience and order to the check and cloak-room of any institution and are highly recommended by those who have used them.

We make these Umbrella Stands any size desired. The following sizes, however, are standard for ordinary use:

No. 1	24 holes 1 shelf	....	Price each, $6.00
No. 2	30 holes 1 shelf	....	Price each, 6.50
No. 3	36 holes 1 shelf	....	Price each, 7.00
No. 4	42 holes 1 shelf	....	Price each, 7.50

Pans for wet umbrellas extra.

We shall be pleased to submit prices for special sizes upon request.

"BUFFALO" Window Balcony Railings

"BUFFALO" Window Balcony Railing. Illustration No. 1

"BUFFALO" Window Balcony Railings as shown in illustration No. 1 add greatly to the appearance of any house. They are constructed entirely of wrought iron and are serviceable as well as artistic.

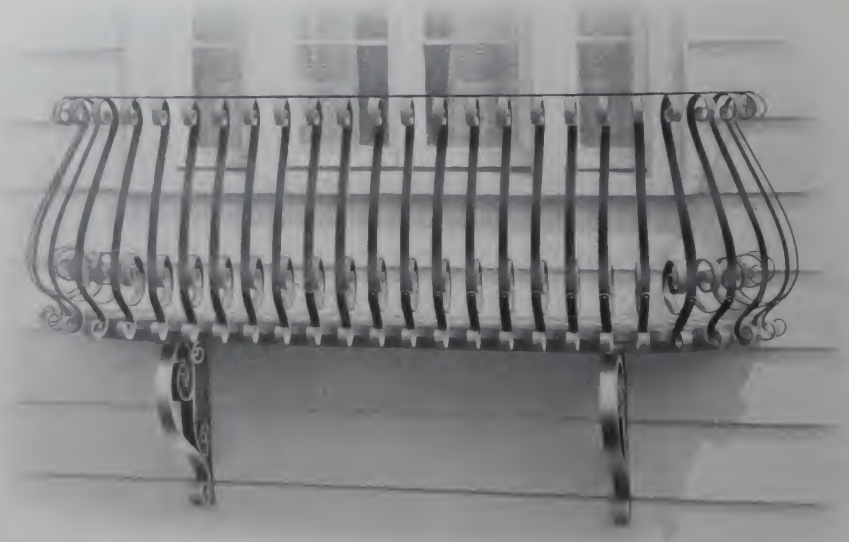


Illustration No. 2. Close View of "BUFFALO" Window Balcony Railing

Illustration No. 2 shows a close view of a "BUFFALO" Window Balcony Railing. This is only one of the many styles which we have manufactured and we will be pleased to submit special designs upon request, together with prices.

"BUFFALO" Wire Signs

FOR advertising purposes are far superior, and more durable than wood signs, and do not offer such great resistance to the wind, and are therefore less liable to be blown down.

Being constructed of "BUFFALO" Diamond Mesh Fabric, 3 inch mesh No. 8 W. & M. Gauge (.162″) wire, with 1″ x 1/2″ channel iron frame and the letters cut out of heavy sheet iron—makes it possible to read them a much greater distance than a wooden sign, as the black letters stand out very prominently against the light sky background.

"BUFFALO" Wire signs can be constructed of different size meshes and wire, although 3″ mesh No. 8 W. & M. Gauge (.162″) wire is our standard, and is well painted with rust resisting paint. The braces are of 1 1/4″ wrought iron pipe well painted and securely bolted to the sign and roof, making in all a neat, strong, durable sign that can be read for many miles.

These signs being constructed in sections to bolt together, and each section tagged with a number, makes it easy to ship, and erect with ordinary help.

A "BUFFALO" Wire Sign properly erected, given a little ordinary care, and painted about every 3 to 5 years with a good rust resisting paint, will last indefinitely.

When writing for prices give approximate length and height, what the wording is to be, also send rough sketch of roof showing where the sign is to be placed and what kind of roof it is.

With this information at hand we can quote prices intelligently.

Special designs worked up to suit individual cases:

"BUFFALO" Wire Signs—Continued

A few illustrations together with those on page 113 showing how "BUFFALO" Wire Roof Signs will advertise your business for many miles.

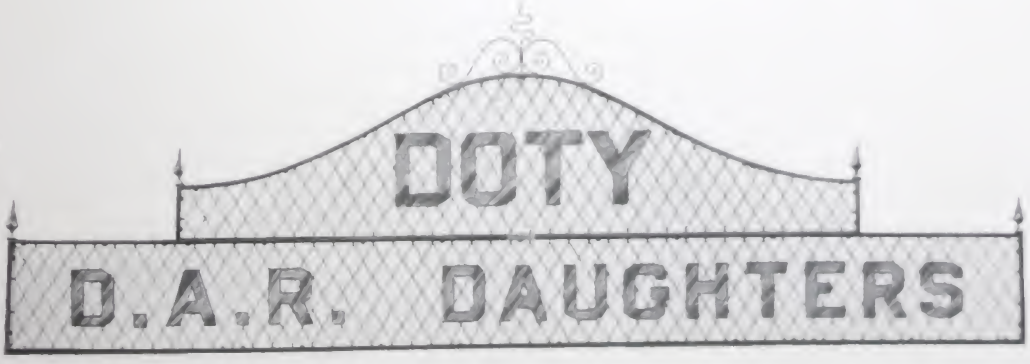
Enlarged View of "BUFFALO" Wire Sign Showing Comparative Size of Letters

"BUFFALO" Wire Signs—Continued

Ornamental Iron Sign No. 270-A

Illustration 270-A shows our Ornamental Iron Sign. This sign is constructed with a sheet iron back and raised cast brass letters made with scrolled border of flat wrought iron and channel iron frame and makes a neat, simple display sign for any business.

Body of sign finished in dead black, Oxidized Copper or Verdi Antique.

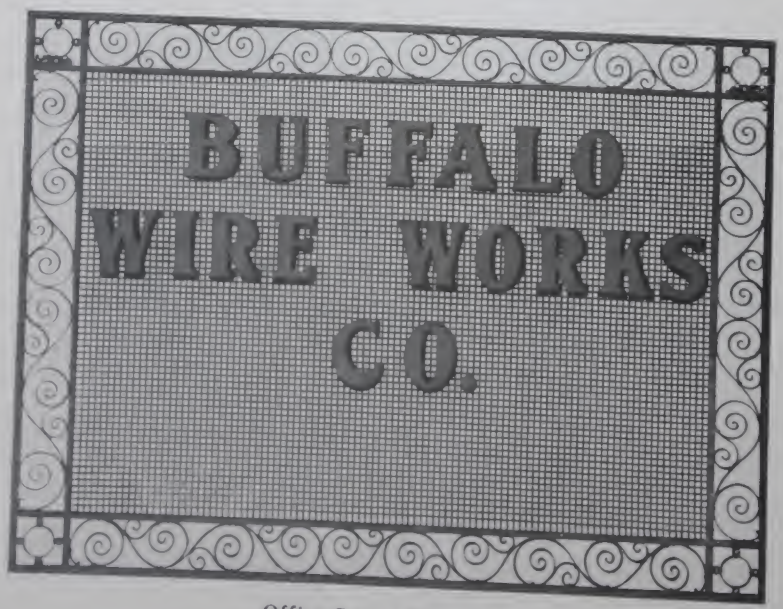


"BUFFALO" Wire Sign No. 270-B

Illustration No. 270-B shows a neat yet very plain "BUFFALO" Wire Sign which is used over cemetery gates or parks, and is constructed on the same principle as the larger "BUFFALO" Wire Signs, with lettering as may be desired.

Office Screens

Office Screen No. 271



Office Screen No. 272-A

ILLUSTRATION No. 271 shows an office screen made with oak, cherry or pine frame finished to suit the requirements, to which is attached a fine mesh of wire cloth, usually 30 x 30 mesh either copper or steel.

On this wire cloth we work any design, scenery or lettering required.

The lettering can be furnished in gold leaf or painted as desired.

This class of office screen not only prevents outsiders from gazing into the office, but also acts as a good advertising medium through which to advertise your business at a very reasonable price.

In ordering or requesting price give size of frame, kind of wood and finish and design or lettering desired.

We also make these screens entirely of steel as shown in figure No. 272-A.

The background of this style is made of 3/8" space 1/16" flat steel wire fabric with 5/8" channel iron frame, with raised lettering.

Finish is usually dead black, or Verdi Antique although they can be finished any color desired.

This style can also be made entirely of brass.

The border can be changed and different style selected from designs on any of our panels shown in this catalog.

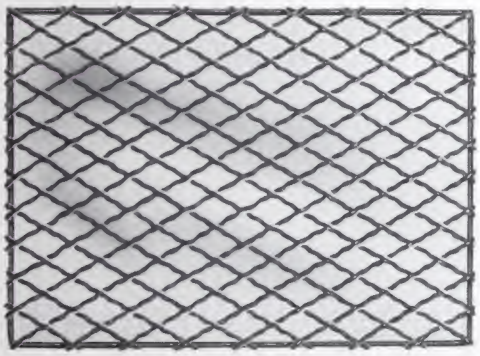
Makes a very appropriate and neat design for Banks and Office windows.

Prices quoted on application.

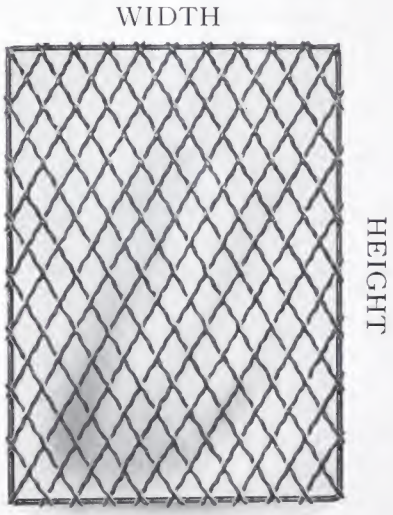
"BUFFALO" Wire Guards for Windows

How to Order

MUCH delay in filling an order for Wire Guards is caused by customers neglecting to mention which dimension is the WIDTH and which is the HEIGHT of the guards they require, causing unnecessary correspondence. If it is neglected to mention which dimension is the height and width, the measurements are liable to be transposed and the height taken for the width of the guard, and vice versa, and the diamonds will stand in the wrong direction per illustration.



Showing How Diamonds Run When Measurements Have Been Transposed



Showing How Diamonds Should Run If Measurements have been Properly Given

Therefore to enable us to fill an order for Wire Guards promptly we would request that our patrons specify specifically which is the WIDTH and HEIGHT of the guards thus: 24 *inches wide x 36 inches high.*

Also specify if they are desired with channel or round iron frames, and the sizes of them.

When guards with curved or gothic tops are wanted, always send template or pattern.

We finish Window Guards in any color desired, but when no specifications are given we finish in dark green.

All of this class of work is made specially to order and care should be exercised to give the exact measurements, as when guards are made in accordance to specifications they cannot be exchanged or returned for credit, on account of errors in measurements.

"BUFFALO" Wire Guards for Windows—Continued

List Price of "BUFFALO" Wire Guards with round iron frames, containing not less than 10 sq. ft.

Diamond Mesh	No. of Wire W. & M. Gauge	Diameter of Wire Decimal of inch	Per sq. ft.
3/4"	15	(.072")	35c.
3/4"	14	(.080")	40c.
3/4"	13	(.092")	45c.
3/4"	12	(.105")	50c.
1"	14	(.080")	35c.
1"	13	(.092")	40c.
1"	12	(.105")	45c.
1"	11	(.120")	50c.
1 1/4"	13	(.092")	35c.
1 1/4"	12	(.105")	40c.
1 1/4"	11	(.120")	45c.
1 1/4"	10	(.135")	50c.
1 1/2"	12	(.105")	30c.
1 1/2"	11	(.120")	35c.
1 1/2"	10	(.135")	40c.
1 1/2"	9	(.148")	45c.
2"	11	(.120")	25c.
2"	10	(.135")	30c.
2"	9	(.148")	35c.
2"	8	(.162")	40c.
2"	7	(.177")	45c.
2"	6	(.192")	50c.

"BUFFALO" Wire Guard No. 257
Showing how guards with round iron frames appear.

Window guards are painted green if not otherwise ordered.

An extra charge for guards galvanized after made will be quoted upon request.

"BUFFALO" Wire Guard No. 258

"BUFFALO" Wire Guard No. 258-A

Illustration No. 258—Shows the style of Wire Guard that is usually used on school houses and church windows.

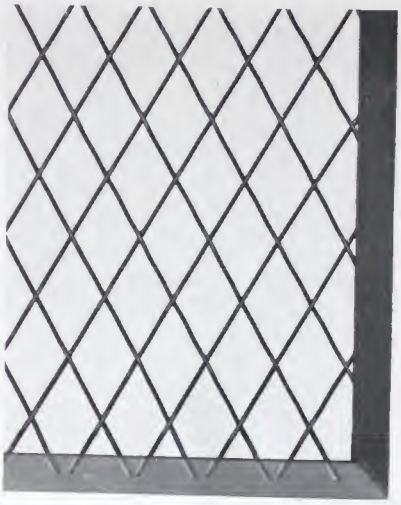
These can also be made with gothic top for church windows of that type and the lower part of the guard made to swing so as to allow the ventilating section of the window to be opened.

This type of guard is made with round iron frame.

Illustration No. 258-A illustrates a wire guard made for pivoted windows to prevent burning timbers from going through these openings when the window is open. They are also made with a brass or copper screen of fine mesh on the inside of the diamond mesh fabric to prevent dust from entering the room.

"BUFFALO" Wire Guards with Channel Iron Frames

"BUFFALO" Wire Guard No. 261
(with channel frame)



"BUFFALO" Wire Guard No. 261-A
(with angle iron frame, fabric
Electrically welded to same)

ILLUSTRATION No. 261 shows the method used to fasten the Diamond Mesh fabric to channel frame on this style Guard. These Guards are usually fastened with wood screws. We can also arrange them with hinges on one side and hasp and staple on the other, so that they can be swung out to allow the windows to be washed.

We make these Guards in the following size meshes and wires:

List Price of "BUFFALO" Wire Guards with Channel Iron Frames

Containing not less than 10 square feet

Diamond Mesh	No. of Wire W. & M. Gauge	Diameter of Wire Decimal of inch	Size of Frame	Per sq. ft.
3/4″	15	(.072″)	3/4 inch	50¢.
3/4″	14	(.080″)	3/4 inch	55¢.
3/4″	13	(.092″)	3/4 inch	60¢.
3/4″	12	(.105″)	3/4 inch	65¢.
1″	14	(.080″)	3/4 inch	45¢.
1″	13	(.092″)	3/4 inch	50¢.
1″	12	(.105″)	3/4 inch	55¢.
1″	11	(.120″)	3/4 inch	60¢.
1 1/4″	13	(.092″)	3/4 inch	45¢.
1 1/4″	12	(.105″)	3/4 inch	50¢.
1 1/4″	11	(.120″)	3/4 inch	55¢.
1 1/4″	10	(.135″)	3/4 inch	60¢.
1 1/2″	12	(.105″)	3/4 inch	40¢.
1 1/2″	11	(.120″)	3/4 inch	45¢.
1 1/2″	10	(.135″)	3/4 inch	50¢.
1 1/2″	9	(.148″)	3/4 inch	55¢.
2″	11	(.120″)	1 inch	35¢.
2″	10	(.135″)	1 inch	40¢.
2″	9	(.148″)	1 inch	45¢.
2″	8	(.162″)	1 inch	50¢.
2″	7	(.177″)	1 inch	55¢.
2″	6	(.192″)	1 inch	60¢.

Galvanized after being made, prices quoted upon application.
List price of No. 261-A same as No. 261.
N. B. Give width and height.

"BUFFALO" Wire Guards (Removable)

With Round Iron Frame Border Top

"BUFFALO" Wire Guard No. 259 (Removable)

ILLUSTRATION No. 259 shows our Removable Window Guard that is usually used on store fronts and doors.

This class of Window Guard is made of 1 1/4" "BUFFALO" Diamond Mesh Fabric, No. 11 W. & M. Gauge (.120") wire, or 1 1/2" "BUFFALO" Diamond Mesh Fabric No. 10 W. & M. Gauge (.135") wire, firmly clinched on 5/16" or 3/8" round iron frame. The frame is allowed to project above the height and below the bottom of the Guard, so as to slip through the screw eyes on top and drop through them on the bottom. This holds the Guard in place and makes it convenient to remove at will, to wash the window. We can also furnish with hasp and staple at bottom, to lock if desired.

The finish of these Guards is usually dark green, but can be finished in any desired color or bronzed.

Price (for Guards containing not less than 10 sq. ft.).....40c. per sq. ft.

Galvanized after made.....Price on application.

Factory Window Guards

OUR Factory Window Guards are usually made of 5/16" round iron frames with 5/8" square opening No. 12 W. & M. Gauge (.105") wire, steel wire cloth firmely clinched around the frame and painted dark green.

We also galvanize (hot process) these Guards after made, at a small additional cost. This makes them rust proof and practically indestructible.

These Guards are fastened with staples or screw clips.

Price (for Guards containing not less than 10 sq. ft.) .....25c. sq. ft.

Galvanized after made.....Price on application.

"BUFFALO" Wire Guard No. 260

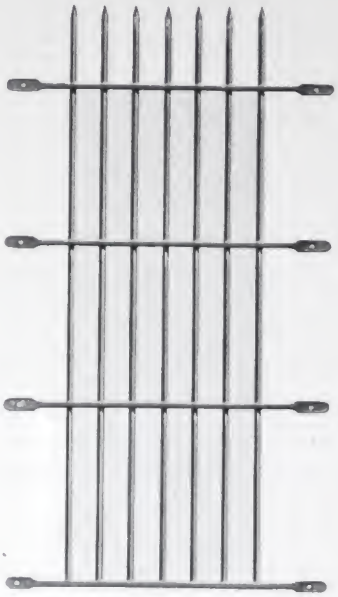
"BUFFALO" Heavy Wrought Iron Guards

"BUFFALO" Wrought Iron Guard No. 262

As shown in illustration No. 262 are used considerably for protecting windows and doors in the rear of a building and can be arranged to set into stone or brick, or can be fastened to the casing.

These Guards are plain and very durable.

We also make them with flat twisted ends, which allows them to be bolted on the outside through the window frame, with nuts on the inside, as shown in illustration No. 262-A.



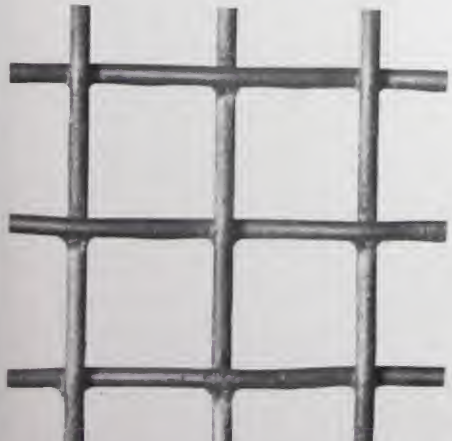
"BUFFALO" Wrought Iron Guard No. 262-A

List Price—Plain—(No ornaments.) For Guards containing 10 sq. ft. or more.

1/2" round iron bars, 4" centers, $0.50 sq. ft.	5/8" round iron bars, 3" centers, $0.70 sq. ft.
1/2" round iron bars, 3" centers, .60 sq. ft.	3/4" round iron bars, 4" centers, .90 sq. ft.
5/8" round iron bars, 4" centers, .60 sq. ft.	3/4" round iron bars, 3" centers, 1.00 sq. ft.

When ordering be particular to give exact measurements and state how you desire them fastened. See suggestion on page 117 "How To Order."

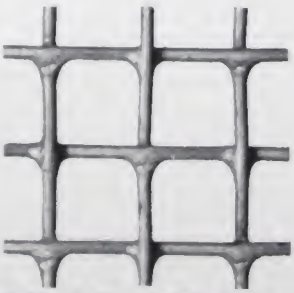
"BUFFALO" Galvanized Wire Cloth



3/4" Mesh No. 12 W. & M. Gauge (.105")

We also carry in stock a full line of Galvanized after weaving Wire Cloth in assorted Meshes and widths, that can be used for protecting windows. 3/4" Mesh No. 12 W. & M. Gauge (.105") wire or 2 x 2 Mesh 14 or 15 W. & M. Gauge (.080" or .072") wire is usually used for this purpose, however we carry all Meshes in stock from 3/4" Mesh to 8 x 8 Mesh in widths 24, 30, 36, 42 and 48" wide, as listed on pages 40 to 43.

The cloth can be stapled directly to the window casing or on wood frames. Samples submitted upon request.



2 Mesh No. 15 W. & M. Gauge (.072")

"BUFFALO" Skylight Guards

ARE made to go over glass skylights, and protects them from being broken by falling objects which may cause injury or death to persons below the skylight, and also prevents flaming timbers from a severe adjacent fire from falling on and bursting through the skylight and setting fire to the building within.

They are usually constructed of 1" or 1 1/4" Diamond Mesh No. 11 W. & M. Gauge (.120") or No. 12 W. & M. Gauge (.105") wire with either round iron or channel iron frame. We can make them however of any size mesh or wire desired.

"BUFFALO" Skylight Guards are either painted drab or made of Galvanized wire, or they can be Galvanized after made.

We also make special brackets to elevate the Skylight Guard from the glass.

"BUFFALO" Skylight Guards are made to conform with the National Board of Fire Underwriters Regulations and meet with the highest approval wherever they have been installed.

Price upon application

"BUFFALO" Skylight Guard No. 249

Illustration 249 shows a "BUFFALO" Skylight Guard with special brackets which raise it up from the glass about 12 inches.

"BUFFALO" Machine and Belt Guards

Protect Employer and Employee

REDUCE Accident Insurance Rates and save much annoyance and worry in connection with unprotected gears, machinery and belts.

They are made to conform with the Inter-State Factory and Compensation Laws, and have been highly recommended by inspectors and factory owners wherever installed.

We have made a personal study of the best and most reasonable methods of protection and can assure satisfactory results at most reasonable prices where this class of work is entrusted to us.

"BUFFALO" Machine Guards are manufactured in any size or shape, and to fit any kind of Belt, Machine or Gear, and arranged so that the operation of the machine is not hampered by their use.

In requesting prices or ordering "BUFFALO" Machine Guards it is necessary to mention the height, width and depth of the Guards desired and if possible it is always advisable to send a rough sketch which will enable our Engineering department to plan the best means of protection.

"BUFFALO" Machine Guards are finished in Black, Green or Red as desired although when no specific color is mentioned we paint them Black, as we find it the most durable color for this purpose.

Fig. No. 1

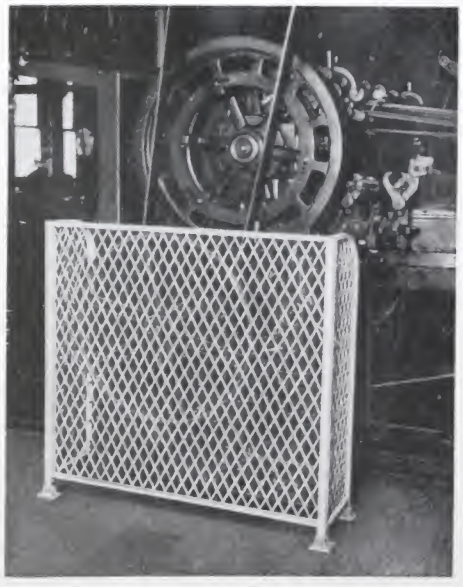


Fig. No. 2

Fig. No. 1—Shows a Fly Wheel and Belt Guard made from 1 1/2" Diamond Mesh No. 10 W. & M. Gauge (.135") wire with 7/8" channel iron frame and can be made stationary or removable.

The panel at the dead end of the shaft has been removed to show the provision made for easy accessibility to the bearings at this point.

Fig. No. 2—Shows a Printing Press Drive Wheel Guard made of 1" Diamond Mesh No. 12 W. & M. Gauge (.105") wire with 3/4" channel iron frame.

"BUFFALO" Machine and Belt Guards—Continued

Fig. No. 3

Fig. No. 3—Shows a Belt Guard made to comply with the Inter-state Factory and Compensation Laws.

It is constructed of 1 1/2" Diamond Mesh with 3/8" round iron frame, and built up 6 ft. from the floor.

Fig. 4—Illustrates that no case is too difficult for "BUFFALO" Machine Guards. The Gear Guard on the side of the machine can be removed and replaced in two minutes, and does not hamper the operator or operation of the machine, yet affords complete protection from being caught in the gears.

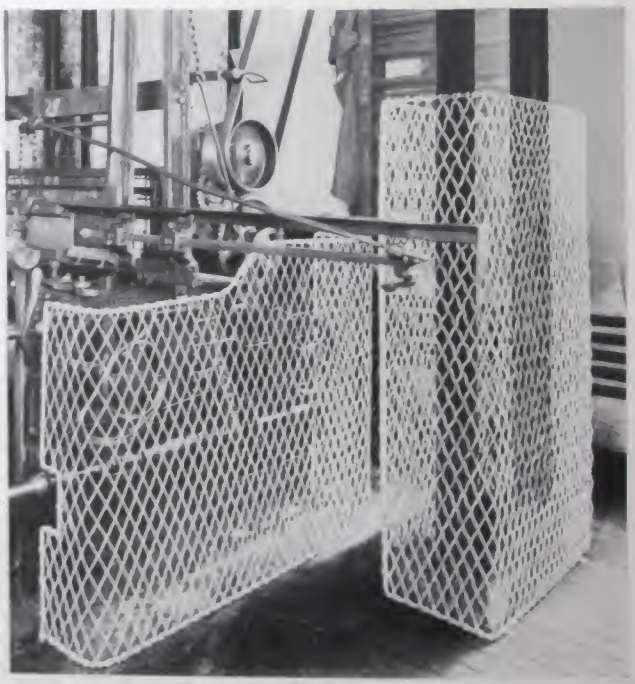


Fig. No. 4

"Buffalo" Machine and Belt Guards—Continued

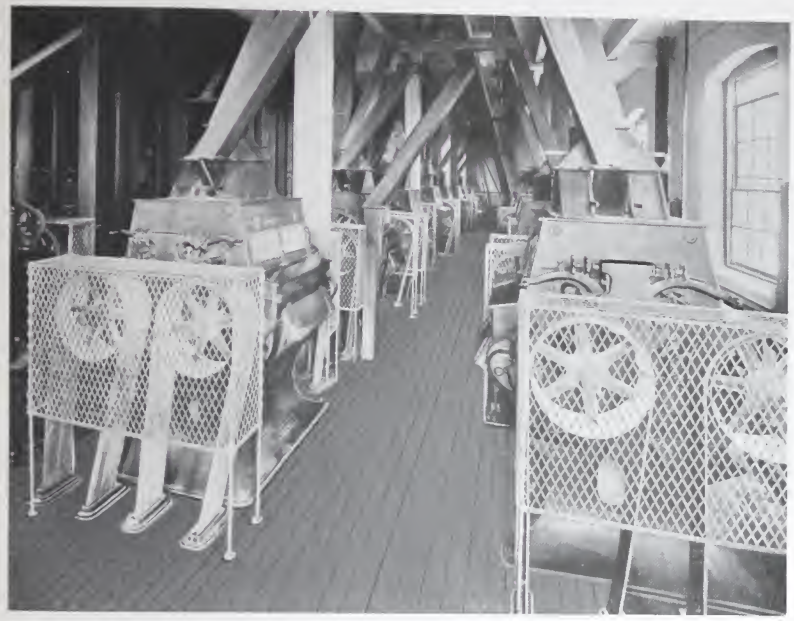


Fig. No. 5

Fig. 5—Shows part of the equipment of "BUFFALO" Machine Guards installed in one of the largest Flour Mills in the United States.

These Guards are all removable.

Fig. 6—Shows the complete protection afforded by "BUFFALO" Machine Guards. It is one style of "BUFFALO" Machine Guards installed in one of the largest Stove Works in the United States, and to whom we can cheerfully recommend anyone desiring information in regard to the workmanship and satisfactory results obtained by the complete equipment of "BUFFALO" Machine Guards, in their factory.

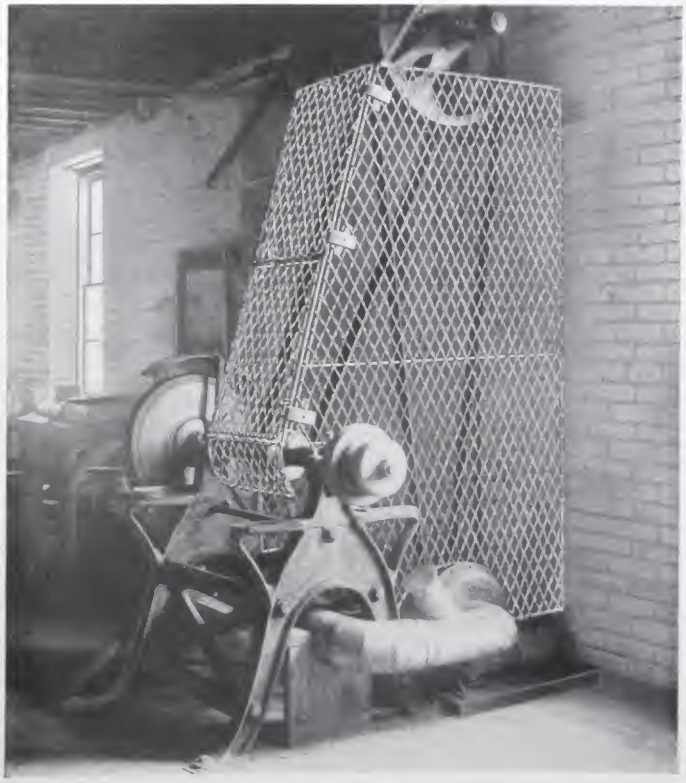


Fig. No. 6

"BUFFALO" Machine and Belt Guards—Continued

Fig. No. 7

Fig. 7—Illustrates another part of the equipment (two of the belt guards) installed at the plant of the same stove works as Fig. 6. It will be noticed in the one to the right that it has been arranged so as to allow the belt to be shifted from the idle pulley to the working pulley at no inconvenience.

Fig. 8—In this illustration is shown another style of belt guard.

"BUFFALO" Guarding your machinery means safety for both Employer and Employee.

Put your problem of Safety up to our Engineering Department who will study your case and advise the best means of protection at the most reasonable cost.

"BUFFALO" Machine and Belt Guards are strongly and neatly constructed as will be noticed, in Figs. 9, 10, 11, 12.

Fig. No. 8

"Buffalo" Machine and Belt Guards—Continued

Fig. No. 9

Fig. No. 10

Fig. No. 11

Fig. 9—Shows the construction of "BUFFALO" Machine Guards with channel iron frame. We also use a cover plate on all exposed channel frames when necessary or desired.

Fig. 10—Shows enlarged view of channel frame with cover plate.

Fig. 11—Illustrates how the wires are securely fastened to the round iron frame. This style can be stapled to the floor or fastened by the means of a clip as shown. All our round iron work is electrically welded, and is much stronger and neater than the old fashioned forged corner weld.

Both of these can also be made with legs that can be fitted into holes in the floor or sockets, so as to allow them to be removed when necessary.

Fig. 12—Shows the construction of "BUFFALO" Machine Guards made with angle iron frame into which the fabric is electrically welded—no clips or rivets being used to hold the fabric in place—makes a neat smooth job.

Fig. 13—Shows another drive wheel and belt guard where rope drive is used.

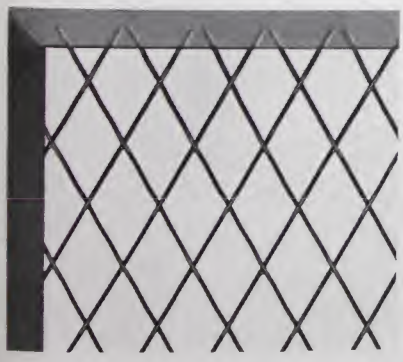


Fig. No. 12

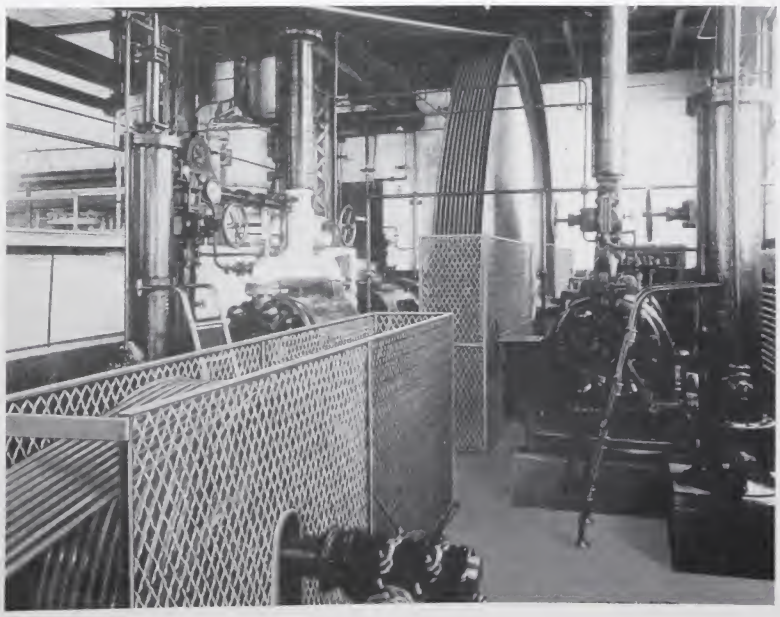


Fig. No. 13

"BUFFALO" Diamond Mesh Fabric
"Woven on Power Looms"

TRADE  MARK

For factories having facilities or who desire to make their own Machine Guards we manufacture the celebrated "BUFFALO" Diamond Mesh Fabric, which is put up in rolls of 100 linear feet 24 to 72" high in the following meshes:

1" Mesh No. 12 W. & M. Gauge (.105")
1½" Mesh No. 10 W. & M. Gauge (.135")
2" Mesh No. 9 W. & M. Gauge (.148")

It can be woven however in any mesh ranging from ½" to 3".

This fabric can also be used to advantage for tool room enclosures as it is clinched to a 3/16" Galvanized wire edge which permits it to be stapled directly to the wood framework, making a neat job.

"BUFFALO" Diamond Mesh Fabric can also be used to advantage in a great many other cases, such as Veranda or Porch openings, Vine Trainers, Hog Pens, Chicken Yards, Fencing, Flower Bed Guards, Partitions, Window Guards, etc.

Prices quoted on application.

In asking for price or ordering state quantity, height, size of mesh and wire, also if wanted with or without 3/16" wire edge. This will avoid any possible mistake or delay in quoting prices or filling orders.

"BUFFALO" Diamond Mesh Fabric

Fig. No. 14

"BUFFALO" Galvanized Wire Cloth as shown in Fig. 14 is a square 2 x 2 mesh No. 15 W. & M. Gauge (.072") wire Galvanized after weaving Wire Cloth which is also used extensively for protecting gears, shafting, etc., and can be supplied in full rolls of 100 linear feet 24" to 72" wide or cut to size if desired.

Every roll or piece is tagged with a yellow tag bearing the imprint of the "BUFFALO." It's the sign of service and satisfaction,
(see page 4.)

"BUFFALO" Elevator Car Guard

"BUFFALO" Elevator Car Guards

As shown in illustration, are made to go on top of elevator carriers or cars to prevent heavy articles from falling into the car and striking the operator or other persons in the car.

They are constructed strongly and durably, and arranged so that both sides can be swung up and out of the way in the event of it becoming necessary to elevate or lower any articles that may go above the height of the carrier.

"BUFFALO" Elevator Car Guards meet with approval of factory owners and inspectors, wherever they have been installed.

In asking for prices send rough sketch showing plan of top of car with measurements.

We also manufacture Gates for elevator openings or doors.

Prices on application.

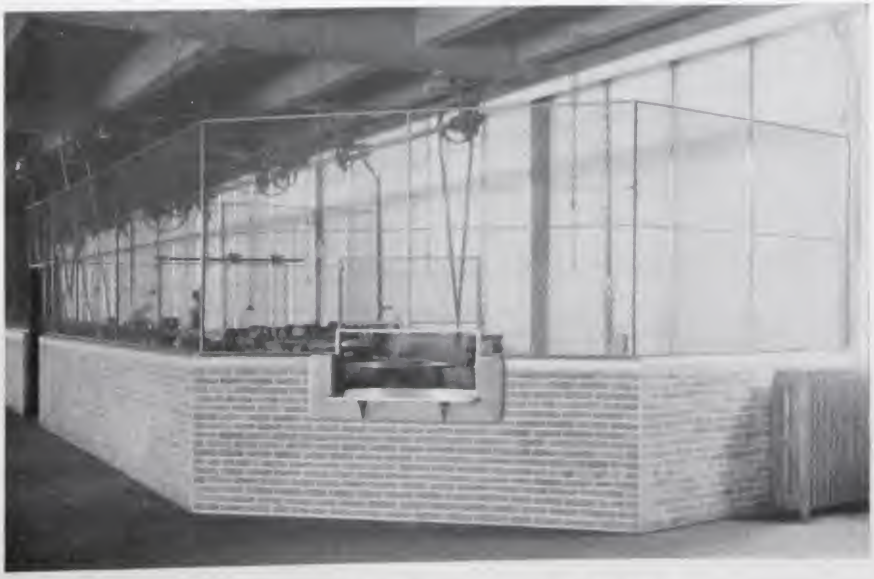
"BUFFALO" Tool Room Enclosures

Illustration No. 263 shows the up-to-date Machine and Tool Room equipped with a "BUFFALO" Tool Room Enclosure. This tool room enclosure is made from 1 1/2" Diamond Mesh No. 10 W. & M. Gauge (.135") wire, with channel iron frame, painted drab or any color desired.

Does not interfere with the lighting conditions of the machine or tool room and prevents tools etc., from being taken without the knowledge of the man in charge.

We also make these enclosures to extend to the ceiling when desired.

Prices on application.



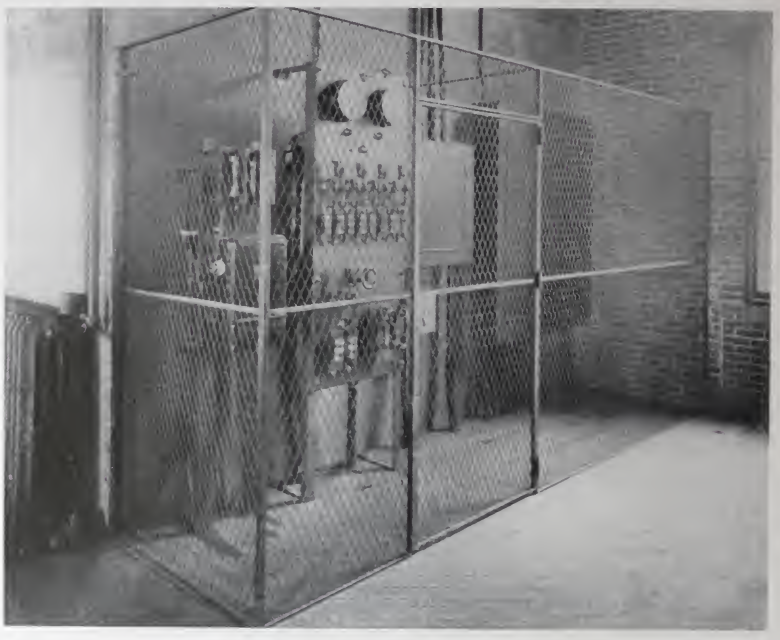
"BUFFALO" Tool Room Enclosure No. 263

"BUFFALO" Switchboard Enclosures

Illustration No. 1 is only one of the many styles of "BUFFALO" Switchboard Enclosures that we have manufactured, and is made from 1½" "BUFFALO" Diamond Mesh Fabric No. 10 W. & M. Gauge (.135") wire with 1" channel iron frame.

Painted dead black.

It is fitted to the side walls by means of expansion bolts, and has a hinged door with lock and key.



"BUFFALO" Switchboard Enclosure No. 1

"BUFFALO" Switchboard Enclosure No. 2

Fig. 2—Is a small Switchboard Enclosure for single panel board and is set into cement floor and fastened on both ends to the brick wall with expansion bolts. It has two swinging doors equipped with secret latches.

They are also made with doors that slide up and down or sideways.

"BUFFALO" Switchboard Enclosures have been installed in Hotels, Theatres, Churches, Music Halls, Private Institutions, Hospitals and many Central Station Power Plants, where open Switch Panel Boards are used.

They prevent outsiders from tampering with switches, or accidentally coming in contact with them.

In asking for price or ordering always send rough sketch showing which way doors are to swing or slide, also show the number and location of any openings or offset sections.

"BUFFALO" Wire Bins

A great help to the delivery department of any large department store or laundry as well as the Post Office Department.

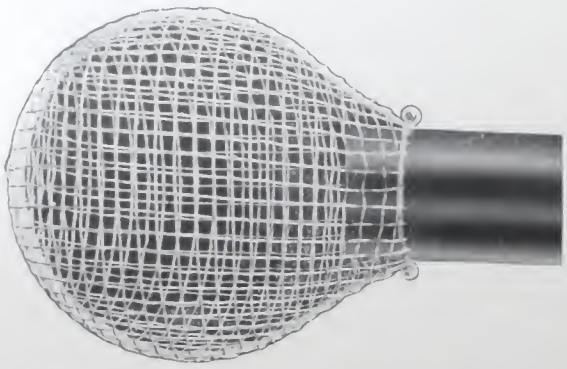
"BUFFALO" Wire Bins as used in the Post Office at Buffalo
(Parcel Post Division)

Another View Showing "BUFFALO" Wire Bins and Baskets in use at Buffalo Post Office. (Parcel Post Division)

"BUFFALO" Wire Bins—Continued

"BUFFALO" Wire Bins in use at Buffalo Post Office
(Parcel Post Division)

"BUFFALO" Wire Intake Screens



Intake Screen, used where water is taken from river or creek for summer homes.

THESE are used at the suction end of intake pipes where water is drawn from creeks, rivers or lakes to supply water for summer homes, cottages at summer resorts, etc.

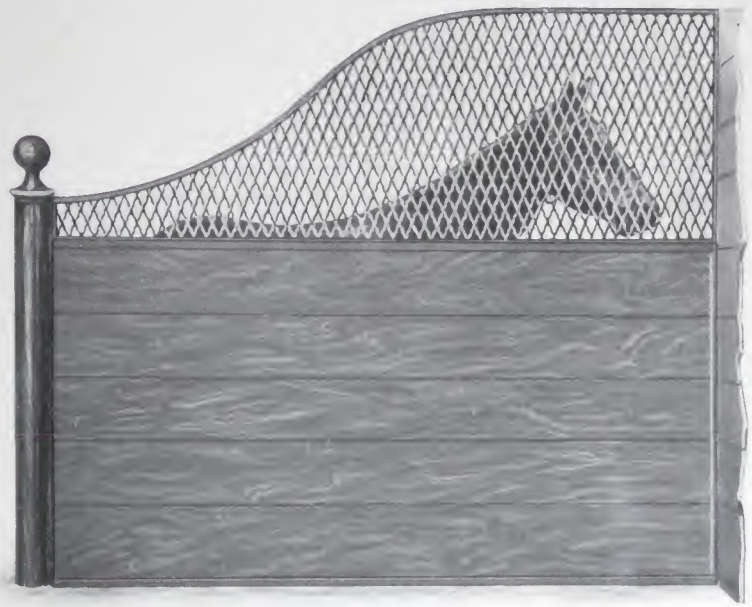
They can be made to fit any size pipe and of steel, galvanized, brass, or bronze wire cloth to suit each individual case.

We also make these screens for large tunnels of intake piers at Municipal Pumping Stations.

The size of mesh and wire used varies according to the locality of creek, river or lake, on account of the different kinds and sizes of fish in the various regions.

Prices will be quoted upon receipt of specifications.

"BUFFALO" Stall Guards or Partitions



"BUFFALO" Wire Stall Partition or Guard No. 252

THE above illustration shows a Stall Guard made from "BUFFALO" Diamond Mesh Fabric with channel iron frame. Its construction allows free circulation of air, is neat in appearance and is equally as strong as a cast iron Guard.

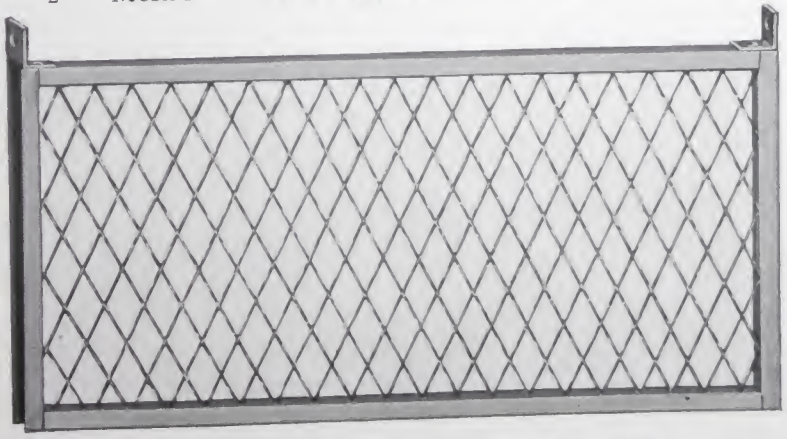
The danger of breaking and injuring the horses that is connected with cast iron Guards is entirely eliminated with "BUFFALO" Stall Guards.

They have been installed in a great many Fire Houses, Police Stations and prominent stables throughout the country.

"BUFFALO" Stall Guards are made to order any size and are listed as follows:

List Price of No. 252 "BUFFALO" Wire Stall Guard or Partition

	Per sq. ft.
1¼" Mesh No. 10 W. & M. Gauge (.135" Wire)	$0.60
1¼" Mesh No. 9 W. & M. Gauge (.148" Wire)	.70
1½" Mesh No. 9 W. & M. Gauge (.148" Wire)	.60
1½" Mesh No. 8 W. & M. Gauge (.162" Wire)	.70
2" Mesh No. 8 W. & M. Gauge (.162" Wire)	.60
2" Mesh No. 7 W. & M. Gauge (.177" Wire)	.70



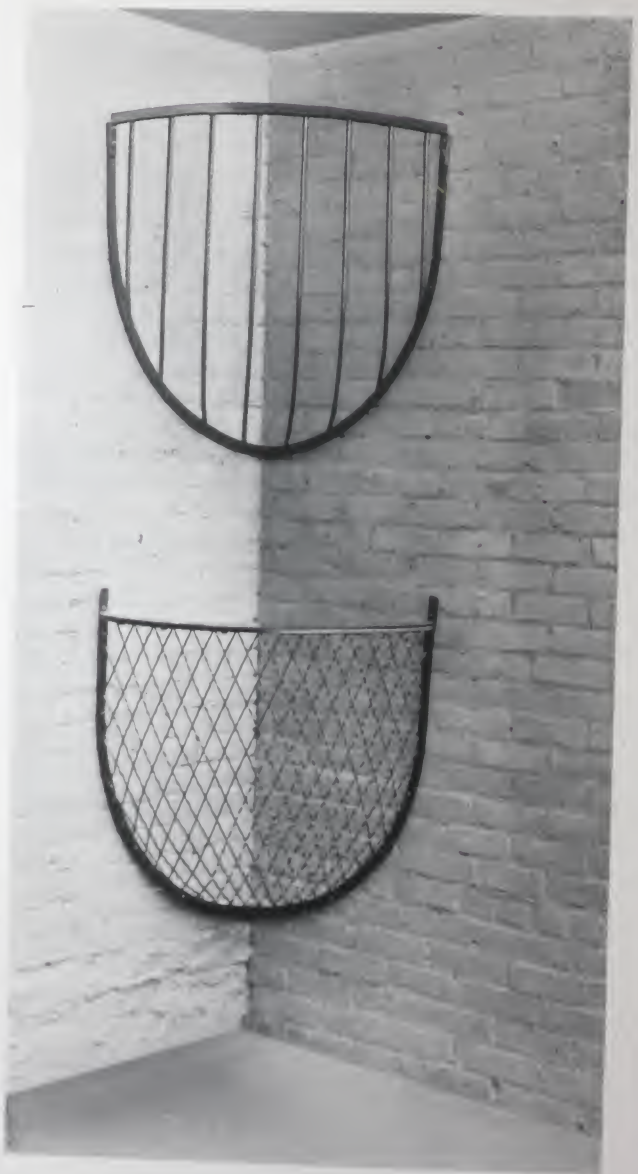
"BUFFALO" Wire Stall Partition or Guard No. 253. (For Box Stalls)

List Price of No. 253—same as No. 252

"BUFFALO" Wire and Wrought Iron Hay Racks

"BUFFALO" Wrought Iron Hay Rack
No. 254— like this ☞
Single for corner, $ 7.00.
Double or half circle, 10.00.

"BUFFALO" Wire Hay Rack
No. 255— like this ☞
Single for corner, $ 8.00.
Double or half circle, 12.00.



"BUFFALO" Tree Guards

"BUFFALO" Wire Tree Guard No. 1

Figure 1 shows a "BUFFALO" Wire Tree Guard. It is constructed of heavy Galvanized Steel Wire Closely Woven, and so constructed that the top has no raw or rough edges to injure the tree.

A coiled spring is furnished with each "BUFFALO" Tree Guard which keeps it straight and even around the tree. Does not harbor insects and bugs as do the old fashioned wooden tree boxes. They are easy to put in place and will last indefinitely.

This style is particularly adapted for protecting young trees.

List Price of "BUFFALO" Wire Tree Guards as follows:

Size	8 inches diameter
Height	72 inches
Per dozen	$12.00
Size	10 inches diameter
Height	72 inches
Per dozen	$15.00

Other sizes made to order on short notice.

Fig. 2 shows a "BUFFALO" Indestructible Wrought Iron Tree Guard.

Protects trees from being injured by horses and other cattle, and being made entirely of wrought iron makes them practically indestructible.

We paint this style black with a rust resisting paint.

They are handsome in appearance, very durable, and moderate in price, and should be used for protection by every owner and lover of trees.

Used in many City Parks, Cemeteries and Private Lawns.

List Price as follows:

Top band	8 inches
Middle band	10 inches
Bottom band	12 inches
Height	78 inches
Price, per dozen	$36.00

Larger sizes made to order.

"BUFFALO" Indestructible Wrought Iron Tree Guard No. 2

"BUFFALO" Wire Settees and Chairs

For Use in Cemeteries, Parks and Private Lawns

THEY are built strong and neat and with proper care will last indefinitely. Being constructed entirely of wire and wrought iron, they are far superior and much lighter than the regular cast iron Settee or wooden Settee and the danger of their being blown over and broken or injured by the frost is entirely eliminated.

These Settees and Chairs are thoroughly painted either white or green, after which they are baked, thus thoroughly drying the paint and giving a beautiful finish that will not rub off.

Any of the styles shown can be galvanized, which makes them absolutely rust proof. The extra cost of galvanizing depends upon the style to be galvanized.

We insert name in script, made entirely of brass wire and bronzed or painted for 75c extra.

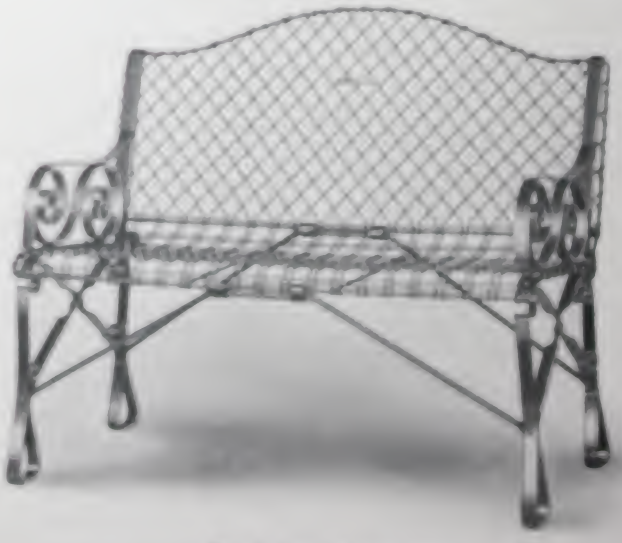
The designs shown are our principal sellers, and are carried in stock for immediate delivery. We can work up special designs however, when desired.

Designs No. 1 and 2 show the construction of wire and wrought iron Settees, and No. 4 shows our plain wrought iron Settee.

No. 1 Settee (for two)

Price, each $12.00

Length of seat, 45 inches. Weight, 40 pounds.



No. 2 Settee (for two)

Price, each $10.50

Length of seat, 38 inches. Weight, 40 pounds.

"Buffalo" Wire Settees and Chairs—Continued

No. 4 Settee

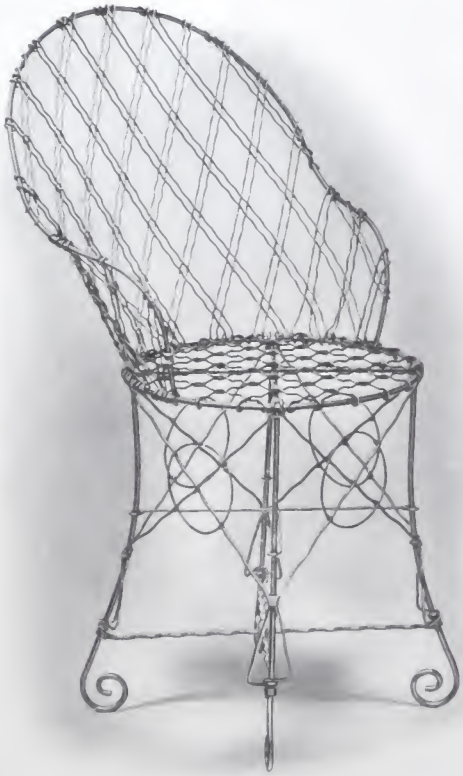
Price, each $12.00

Length of seat, 56 inches. Weight, 75 pounds.

Arm Chair

Price, each $7.50

Weight, 25 pounds.



Plain Chair

Price, each $4.50

Weight, 15 pounds.

"BUFFALO" Vine Trainers

AS the name denotes, are trainers for vines, but instead of being unsightly and clumsy, as the old fashioned wooden vine trainer or trellis, they are neat in appearance, strong in construction, and a great help in properly training vines either on the side of verandas, or over arched gateways or windows.

"BUFFALO" Vine Trainer No. 267

"BUFFALO" Vine Trainers are made of 4" Diamond Mesh No. 12 W. & M. Gauge (.105") wire with 3/8" round iron frame or 4" Diamond Mesh No. 11 W. & M. Gauge (.120") wire with 1/2 "round iron frame for large size Vine Trainers. They are painted dark green and are used for training Roses, Clematis, Woodbine, Honeysuckle, Ivy and many other vines.

The frame ends near the ground line are extended about 12 inches to go into the ground, and are fitted with brackets on the side and top to hold the trainer in place and away from the veranda or house which allows sufficient room to permit painting the house or veranda without disturbing or injuring the vines.

Made to order only, in any size or shape.

Illustration No. 267 shows a "BUFFALO" Vine Trainer in place at the side of a veranda.

In ordering give height and width of Vine Trainer wanted, also state the distance it is desired to keep it from the house or veranda (usually 6 to 8 inches are allowed) and if the usual extension to go into the ground is wanted.

List Price 4" Diamond Mesh No. 12 W. & M. Gauge (.105") wire, 3/8" frame.....15¢. sq. ft.
List Price 4" Diamond Mesh No. 11 W. & M. Gauge (.120") wire, 1/2" frame.....18¢. sq. ft.

"BUFFALO" Diamond Lawn Fence

As shown in illustration No. 268 is a strong, durable and neat appearing Lawn Fence constructed of 3" Diamond Mesh No. 8 W. & M. Gauge (.162") wire, or 4" Diamond Mesh, No. 6 W. & M. Gauge (.192") wire with 1" x 1/2" channel iron frame in sections of about 8 ft. long. The posts are 1" square and formed from two 1" x 1/2" channels with anchor and brace attached which extends into the ground 30".

Illustration Showing Appearance of "BUFFALO" Diamond Lawn Fence Erected

We also furnish a cast iron anchor for post when desired as shown by figure 2.

The standard height is 36" but we can make other heights as desired.

Painted dark green or black.

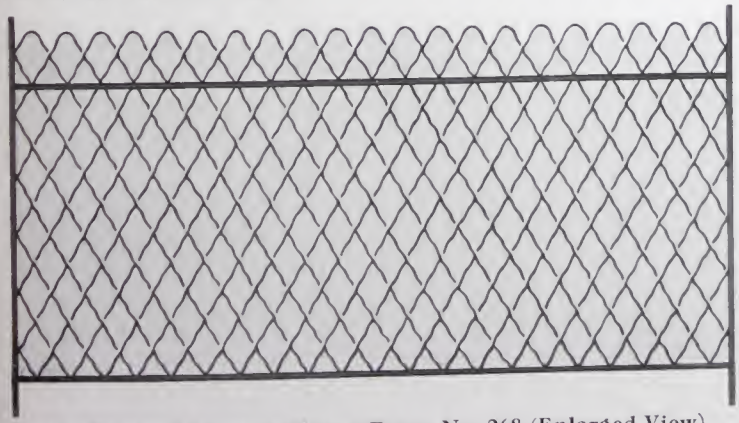
We have erected many of these lawn fences for some of the most fashionable estates and residences—and owners have been highly pleased with them.

"BUFFALO" Diamond Fence is not a cheap fence, but has been made for the owner of a well built home who desires a neat strong fence for his lawn, to compare with the other well built and well kept surroundings.

Does not obstruct the sun from shining on the flowers or free circulation of air, both of which are necessary for the health and growth of flowers and plants.

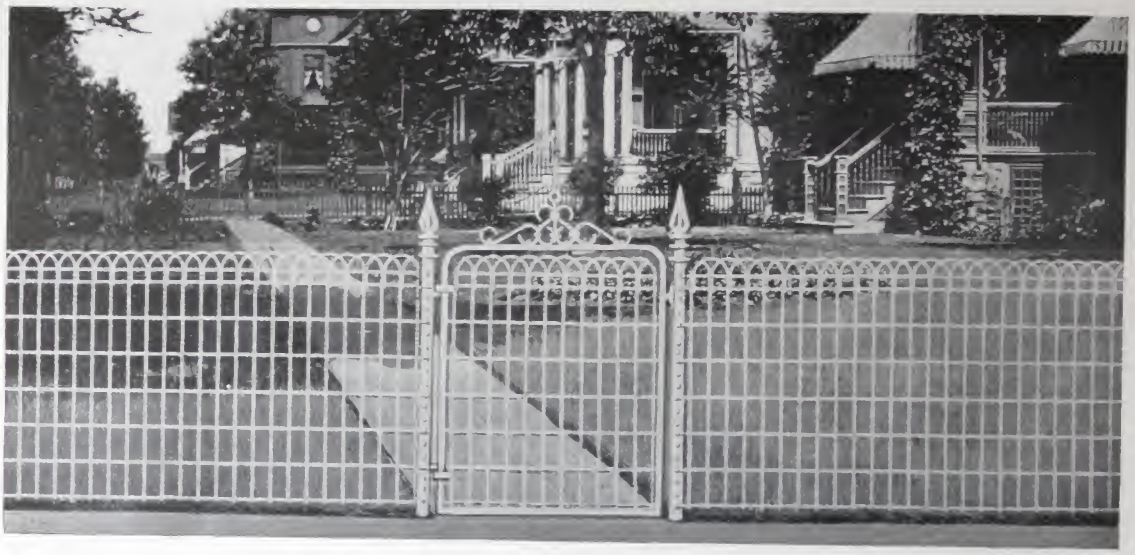
List Price of "BUFFALO" Diamond Lawn Fence as follows:

36 inches high, per linear foot	$ 1.50
Single gates extra, in addition to cost per linear foot when measured in with fence	5.00
Double gates extra, in addition to cost per linear foot when measured in with fence	10.00
Posts, No. 1, extra, each	3.00
Posts, No. 2, extra, with cast iron base, each	5.00
Posts, No. 3, extra, each	2.00



"BUFFALO" Diamond Lawn Fence No. 268 (Enlarged View)

"BUFFALO" Border Top Lawn Fencing



"BUFFALO" Border Top Lawn Fencing No. 268-A

As shown in illustration No. 268-A, is particularly used as a dividing or front lawn fence. It is inexpensive yet very strong and when once erected will last many years.

"BUFFALO" Border Top Lawn Fencing is constructed in the following meshes: The pickets being of No. 9 W. & M. Gauge (.148") galvanized wire and the cables of No. 13 W. & M. Gauge (.092") galvanized wire, and is put up in twenty rod rolls (330 linear ft.)

All prices below, per linear foot

Height of fabric, inches	24	30	36	42	48	54	60	66	72
Number of cables	5	6	7	8	9	10	11	12	13
2 7/8" mesh, per ft.	$0.13	$0.15	$0.16	$0.17	$0.19	$0.21	$0.23	$0.26	$0.29
2 1/4" mesh, per ft.	.15	.17	.18	.19	.22	.25	.28	.32	.36
1 3/4" mesh, per ft.	.18	.20	.21	.23	.26	.29	.32	.36	.41

268-D "BUFFALO" Border Top Lawn Fence used as a Front Lawn Protection

"BUFFALO" Border Top Lawn Fencing—Continued

268-E shows "BUFFALO" Border Top Lawn Fence, along the State Highway and in Front of a Fashionable Suburban Summer Home

This fencing can be stapled directly to wood stringers and posts with galvanized staples or attached to pipe stringers and fittings. Makes a neat, strong and moderate price fence, and improves the appearance of the lawn and general surroundings. Illustration No. 268-B shows the condition of a yard where an old board fence is used. Illustration No. 268-C shows the neatness of the yard where "BUFFALO" Border Top Fencing is used.

Illustration No. 268-B showing the deplorable condition of back yard with unsanitary board fence

"BUFFALO" Border Top Lawn Fencing—Continued

Illustration No. 268-C, a clean, neat back yard where "BUFFALO" Border Top Lawn Fencing is used

"BUFFALO" Border Top Flower Bed Guard

Like "BUFFALO" Border Top Fencing is inexpensive, yet neat and very strongly constructed. It is used in many instances for protection of flower beds to prevent dogs, cats and other small animals from injuring the plants within it. It also serves to prevent children from running over the flower beds while playing. "BUFFALO" Border Top Flower Bed Guard is made of heavy galvanized wire, the pickets extending a distance of 6 to 8 inches below the last cable, thereby allowing it to be inserted into the ground without the use of posts as a support and makes it easy to erect.

Made in two heights, 16 and 22 inch.

The pickets are of No. 9 W. & M. Gauge (.148") galvanized wire and the cables of No. 13 W. & M. Gauge (.092") galvanized wire. Put up in 10 rod (165 linear ft.) rolls.

List Price

Number of Cables	Height, Inches	Price per Linear Foot
3	16	$0.10
4	22	.11

"BUFFALO" Border Top Flower Bed Guard No. 268-F

"BUFFALO" Fire Fenders, Spark Guards and Fire Place Screens

"BUFFALO" Fire Fenders are made from fine mesh wire cloth usually 3/16" opening. They are finished in dead black with or without claw feet.

List price of "BUFFALO" Single Rail Fire Fenders No. 1.

36 in. long, 18 in. high, 12 in. deep	each,	$12.00
42 in. long, 18 in. high, 12 in. deep	each,	15.00
48 in. long, 18 in. high, 12 in. deep	each,	18.00
Brass Lion Claw Feet, extra	each,	1.00

"BUFFALO" Fire Fender No. 1

Illustration No. 1 shows a single rail fire fender, the bottom rail of which is made of 3/4" half oval iron and the top rail of 5/8" round polished brass tubing, supported throughout at regular intervals by 1/4" or 3/8" round iron uprights.

These uprights are ornamented with brass acorns and the wire cloth is also ornamented with brass wire scrolls which makes them ornamental as well as useful.

List price of "BUFFALO" Double Rail Fire Fenders No. 2.

36 in. long, 20 in. high, 12 in. deep	each,	$15.00
42 in. long, 20 in. high, 12 in. deep	each,	20.00
48 in. long, 20 in. high, 12 in. deep	each,	25.00
Brass Lion Claw Feet, extra	each,	1.00

"BUFFALO" Fire Fender No. 2

Illustration No. 2 shows our double rail fender which is constructed in a similar manner as No. 1 except that there are two brass rails on top in place of one.

"BUFFALO" Fire Fenders are all made specially to order and are constructed in the best workmanlike manner, and cannot be compared with the cheap, flimsy fire fenders that are many times offered for sale.

They can be made to fit any size opening and are used in some of the most fashionable up-to-date residences.

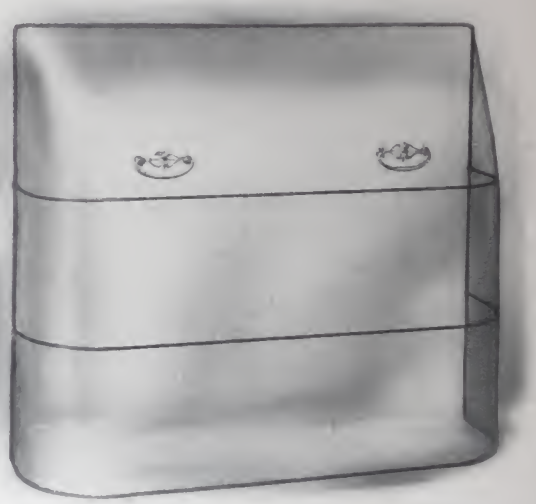
Brass Lion Claw Feet are not furnished unless requested, for which an extra charge is made in each instance.

"BUFFALO" Spark Guards

"BUFFALO" Spark Guards like "BUFFALO" Fire Fenders are constructed strong and durable as well as ornamental, being usually made of fine wire cloth with a 3/16" opening and with a 1/4" round frame either brass or steel. When made of steel wire cloth and frame we usually finish them in dead black, oxidized copper or copper bronze. They can be finished however, in any color desired.

They are a great protection in the home against sparks flying into the room from the fireplace and setting fire to rugs, carpets, etc., and have saved many lives of little children who are likely to go near the fireplace when unprotected.

"BUFFALO" Spark Guards are made any size or shape, either with or without wire scroll ornaments according to the desires of each individual case.



"BUFFALO" Spark Guard No. 3

No. 3 shows a "BUFFALO" Spark Guard with square top. They are also manufactured with round top when desired.

List Price of No. 3 Spark Guards

	Black	Brass		Black	Brass
Size 24" wide x 28" high, each	$ 5.00	$10.00	Size 36" wide x 32" high, each	$ 8.00	$16.00
Size 26" wide x 30" high, each	6.00	12.00	Size 36" wide x 36" high, each	9.00	18.00
Size 28" wide x 30" high, each	6.50	13.00	Size 42" wide x 36" high, each	10.50	20.00
Size 30" wide x 30" high, each	7.00	14.00	Size 48" wide x 36" high, each	12.00	24.00
Size 32" wide x 30" high, each	7.50	15.00	Size 60" wide x 36" high, each	15.00	30.00

Mention style of top wanted. Special shapes and sizes to order.

"BUFFALO" Folding Fenders

"BUFFALO" Folding Fender No. 4

"BUFFALO" Folding Fenders as shown in illustration No. 4 are also made of a fine wire cloth and have a 3/4" by 1/8" flat frame made in sections, hinged together so that they can easily be folded and set away when not in use.

They are used in many summer cottages and homes where a log fire is used in the fall and spring and insure perfect safety in these cases against fires that may otherwise originate without the protection of a "BUFFALO" Fire Fender.

List price of "BUFFALO" Folding Fenders:

Dead black finish, $1.00 per square foot.
Brass, $2.00 per square foot.
Other finishes, special.

"BUFFALO" Fire Place Screens

"BUFFALO" Fire Place Screens are constructed with a fine mesh wire cloth with a ¾" flat frame, the wire cloth being securely electrically welded to it, and fitted with flat bases to stand erect in front of the fireplace as shown in Illustration No. 5.

They are neatly ornamented with brass wreaths and handles and finished in dead black. They can also be made entirely from brass.

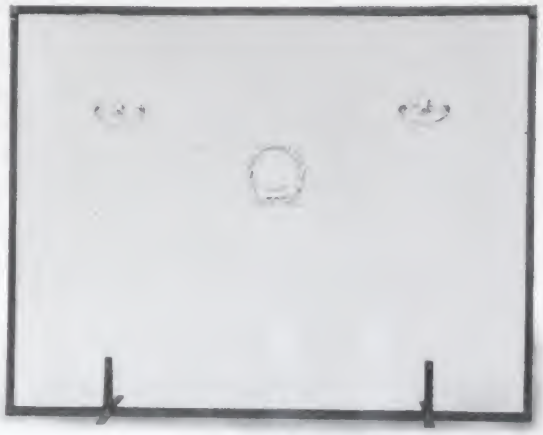
Made to order only, any size with or without Andiron Openings.

List Price:

Black, $1.00 per square foot.
Brass, 1.50 per square foot.

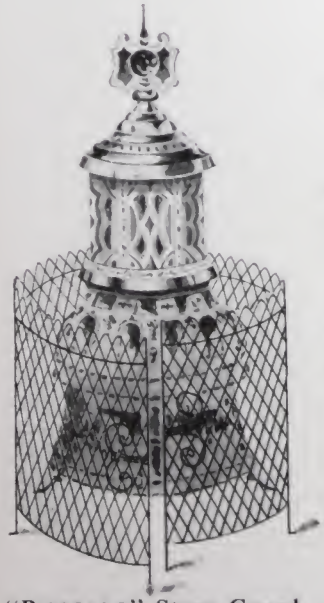
Other finishes, special prices quoted upon application.

Andiron Openings, $1.00 each.



"BUFFALO" Fire Place Screen No. 5

"BUFFALO" Stove Guards



"BUFFALO" Stove Guard No. 6

"BUFFALO" Stove Guards made to order, any size, diameter or height.

Illustration No. 6 shows the plain, yet very convenient and necessary protection for stoves around which children are liable to come in contact with and possibly receive serious injury.

These Guards are constructed of 1¼" Diamond Mesh wire fabric with a border top and 3/16" wire frame with legs, and made in two sections hinged so as to allow free access to the stove when necessary.

They are painted any desired color or bronzed.

List Price:

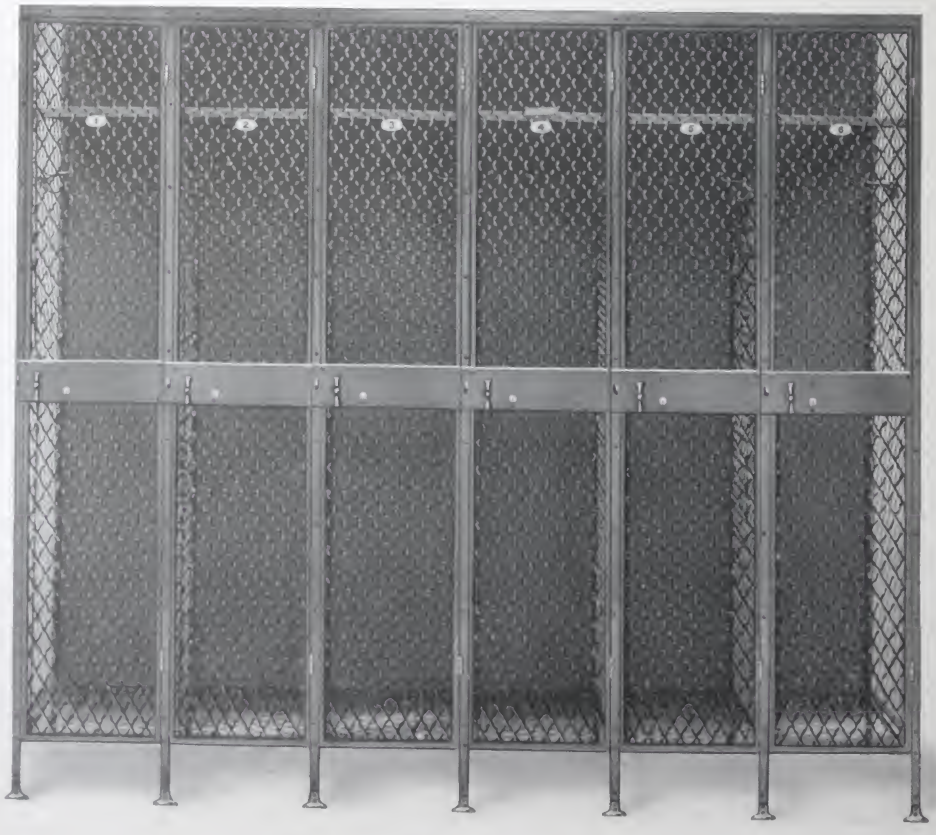
Painted or bronzed, ... $0.60 per square foot.
Coppered or tinned wire, .75 per square foot.
Brass wire, ... 1.00 per square foot.

"BUFFALO" Wire Lockers

IN illustration No. 251 we show "BUFFALO" Wire Lockers which are extensively used in factories, gymnasiums, department stores, clubs, private halls, etc. These Lockers are made of "BUFFALO" Diamond Mesh Fabric in channel iron frames fitted completely with coat hooks, locks and keys, or combination locks as desired, and can be built either singly or in groups to meet the requirements. "BUFFALO" Wire Lockers are Fireproof and sanitary as well as neat in appearance. They can be painted any desired color, although the usual color is maroon, green or black.

Prices quoted on application.

When inquiring for prices mention the quantity desired and also send plan of how they are intended to be placed, or the room available for placing them.



"BUFFALO" Wire Lockers No. 251

"BUFFALO" Sheet Metal Lockers
No. 251-A

"BUFFALO" Sheet Metal Lockers

As illustrated in Figure No. 251-A are strongly constructed of sheet steel. They are also fully equipped with coat hooks, locks and keys or combination locks when desired. These Lockers are neatly finished in any desired color, the paint being thoroughly baked after it is applied making a smooth neat finish. The entire construction of this Locker is electrically welded, thereby making a much neater and smoother finish than by the use of rivets, screws, bolts, etc.

When inquiring for prices, mention the quantity desired and also send plan of how they are intended to be placed, or the room available for placing them.

Special "BUFFALO" Sheet Metal Lockers

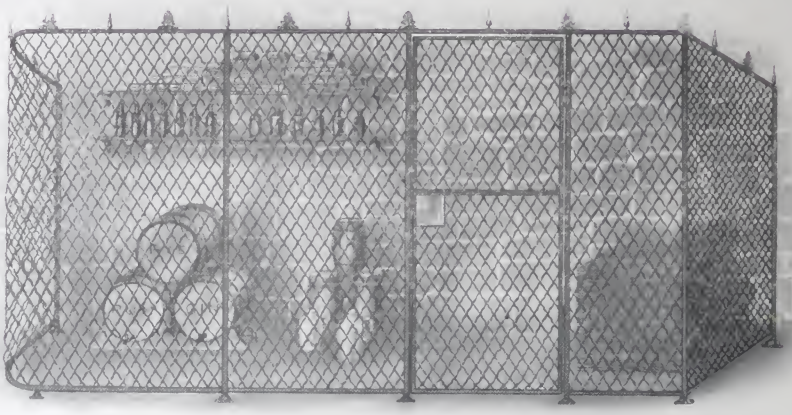
As shown in illustration No. 251-B are constructed similar to No. 251-A, except that they are made especially large and arranged with any kind of compartments inside as may be desired.

They are enameled white, making them neat in appearance and sanitary and are particularly adaptable for hospitals and such places where a sanitary compact Locker is desired.

Prices quoted upon receipt of size, style and quantity required.

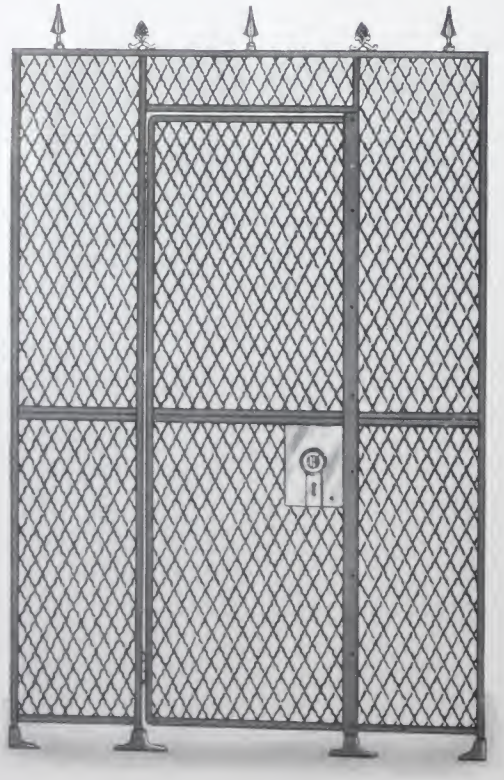
Special "BUFFALO" Sheet Metal Locker No. 251-B

"BUFFALO" Wire Partitions and Enclosures



"BUFFALO" Wire Enclosure No. 229

Illustration No. 229 shows an enclosure for the storage room, either of apartment house cellars, private houses, clubs or institutions where it is desired to partition off that section of the cellar where liquors, wines, cigars and other goods are stored.



"BUFFALO" Wire Partition No. 231

They are made to order only, any size, height or shape with doors and locks. They are used in many hotels, stores and restaurants and are neatly finished in bronze or painted any desired color.

When inquiring for price or ordering, send rough sketch or drawing, showing the length and height of the partition and also size and location of door.

"BUFFALO" Wire Partitions and Enclosures as shown in illustrations Nos. 229 and 231 are usually made of 2 inch mesh No. 8 W. & M. Gauge (.162") wire or 1 1/2 inch mesh No. 10 W. & M. Gauge (.135") wire with channel iron frame.

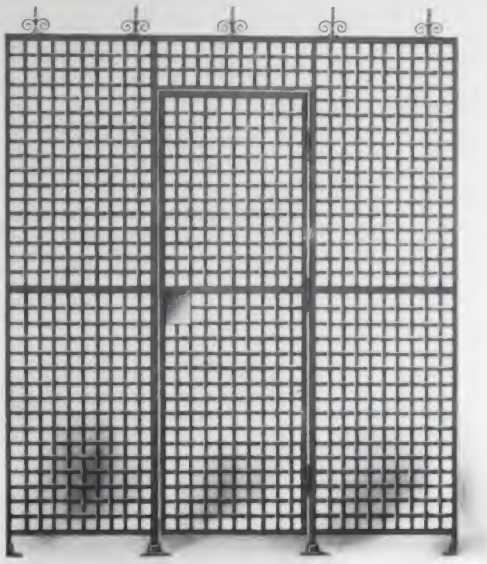
The lower section of the partition is usually raised three to four inches from the floor. However, it can be made to extend to the floor. They are set into standards which screw to the floor, or in cases where there is a cement floor the legs are set into the cement, making a strong and durable partition.

They are ornamental and allow free ventilation and do not obstruct the light as a wooden partition does.

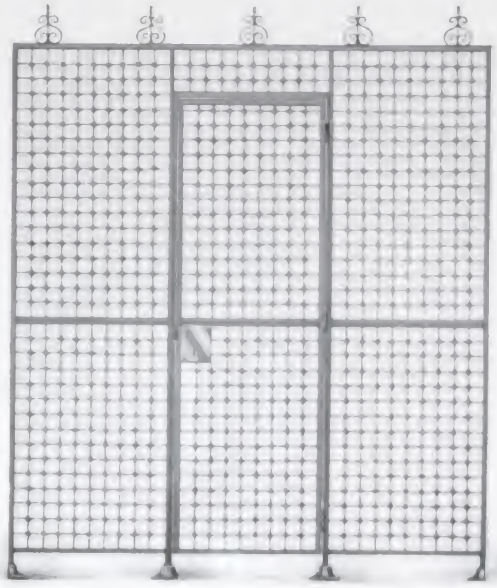
Different designs are shown on the following pages.

Prices on application.

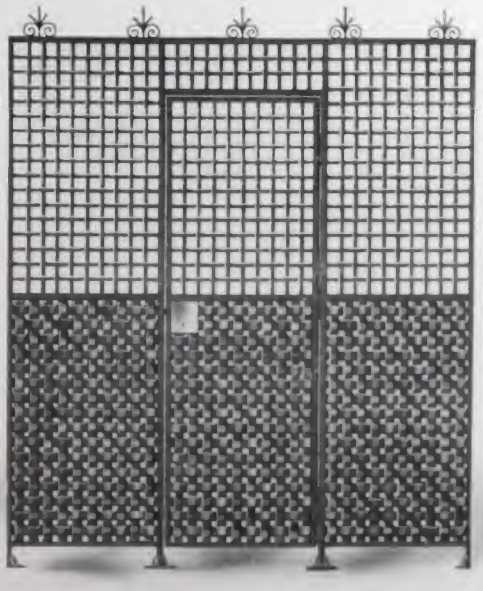
"BUFFALO" Wire Partitions and Enclosures—Continued



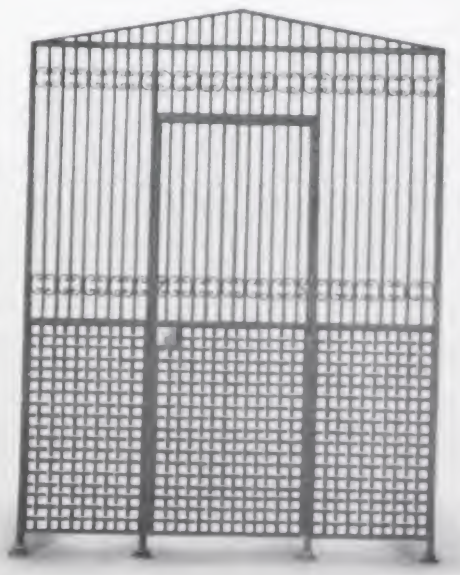
"BUFFALO" Flat Wire Partition No. 232



"BUFFALO" Flat Wire Partition No. 233

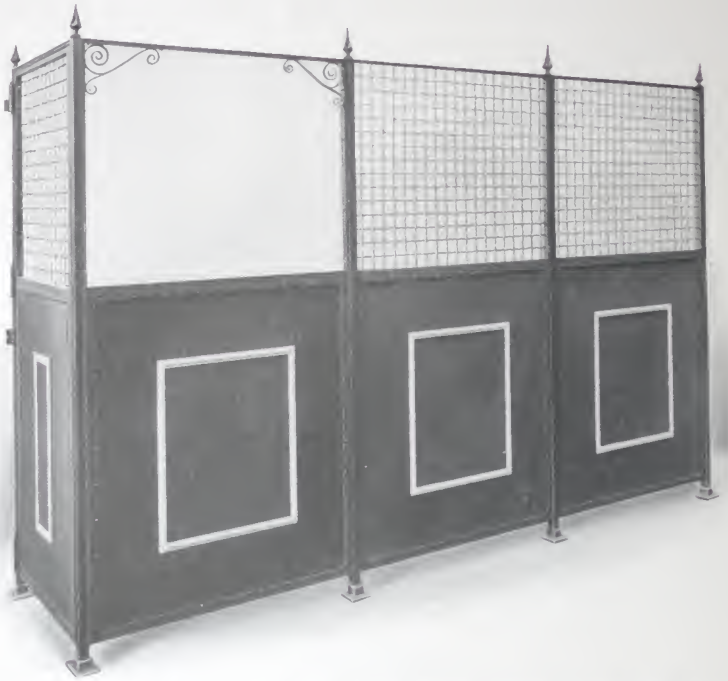


"BUFFALO" Flat Wire Partition No. 234



"BUFFALO" Teller's Cage No. 235

"BUFFALO" Wire Partitions and Enclosures—Continued

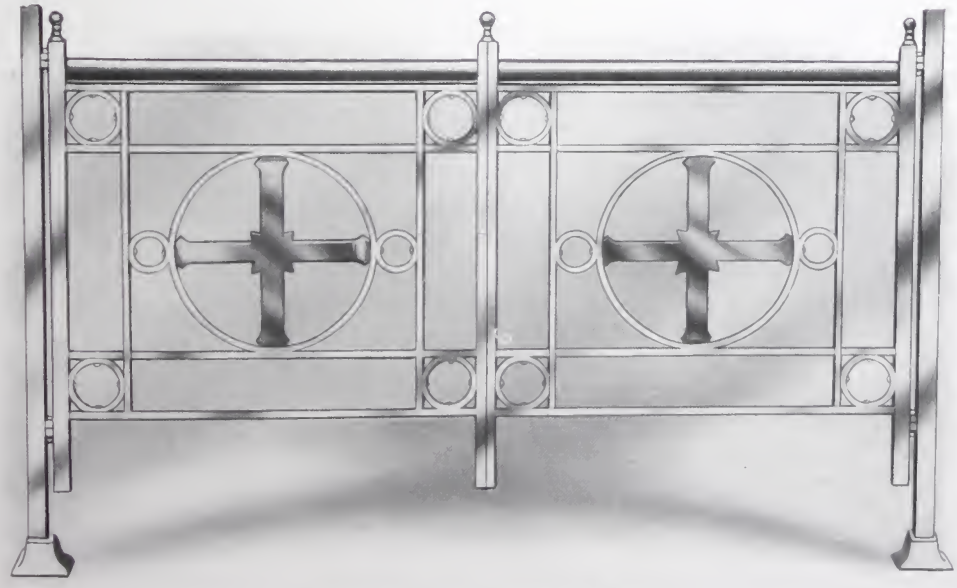


"BUFFALO" Flat Wire Partition No. 232-A With Lower Panels of Sheet Steel

The Above Illustration Shows a Complete Row of Tellers' Cages Constructed Like Our No. 235 With Sliding Door

"BUFFALO" Wire Partitions and Enclosures—Continued

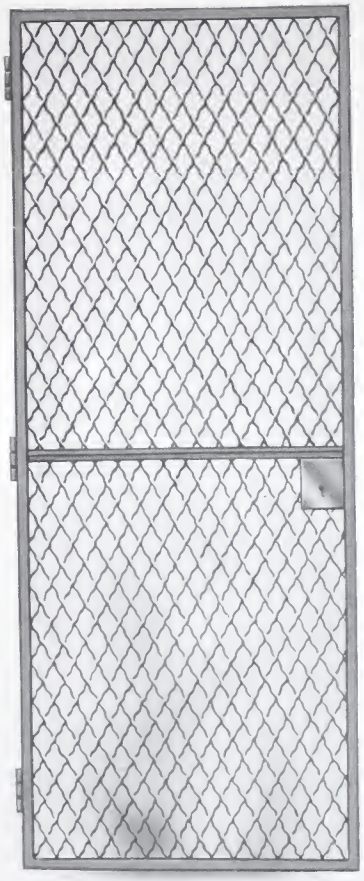
Tellers' Cages Constructed Like No. 232, With Sliding Doors



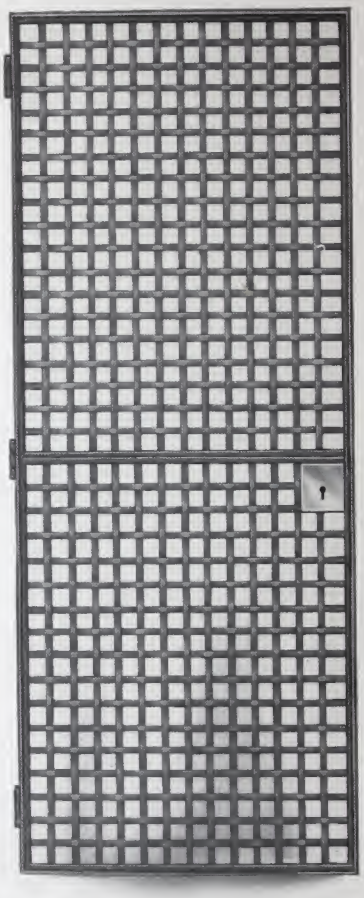
Chancel or Altar Gates No. 217

"BUFFALO" Wire Doors

"BUFFALO" Wire Doors as illustrated in the following cuts are only a few of the designs which we have manufactured. These doors are used principally in wine cellars, fruit rooms, etc., to allow ventilation (where a wooden partition is still used), and yet prevent intruders from helping themselves to anything within.



"BUFFALO" Wire Door No. 208

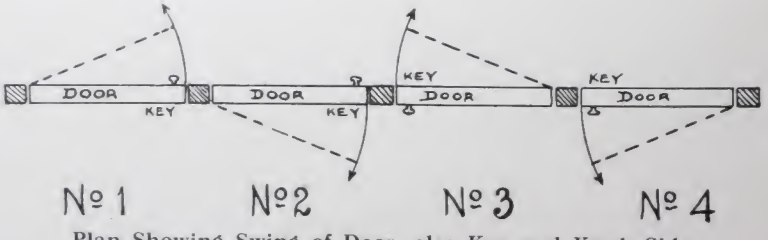


"BUFFALO" Wire Door No. 209

They are constructed in the various designs as shown and we shall be pleased to quote prices upon application.

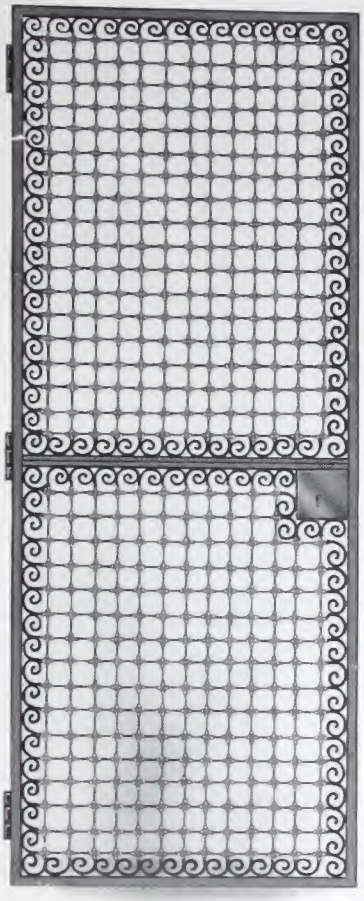
In asking for price or ordering these doors always be sure to give the exact width and height of the door wanted, also state which way the door should swing when facing same, and on which side of the door the key or right side of the lock is wanted.

If the above information is not given it is liable to cause confusion and possibly an error in constructing these doors. The following plan will aid anyone not familiar with the terms referred to above.

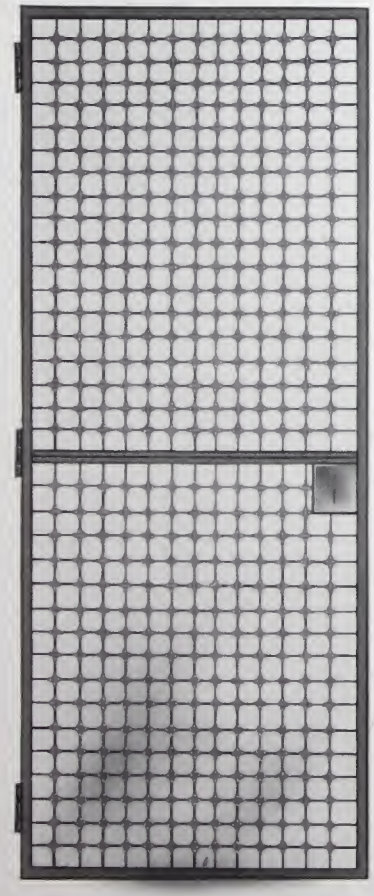


Plan Showing Swing of Door, also Key and Knob Side

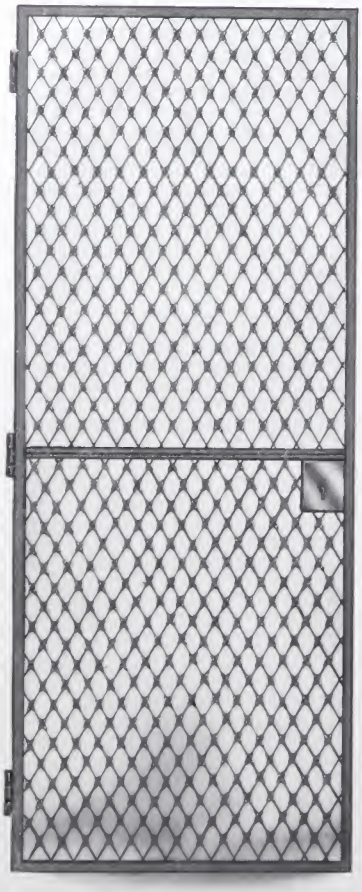
"BUFFALO" Wire Doors—Continued



"BUFFALO" Wire Door No. 211

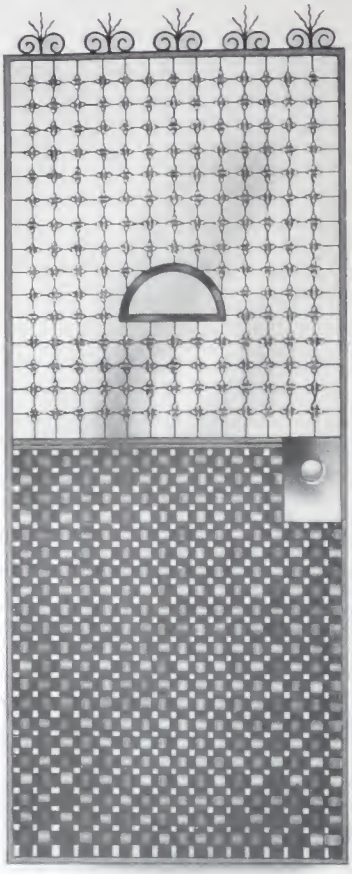


"BUFFALO" Wire Door No. 210



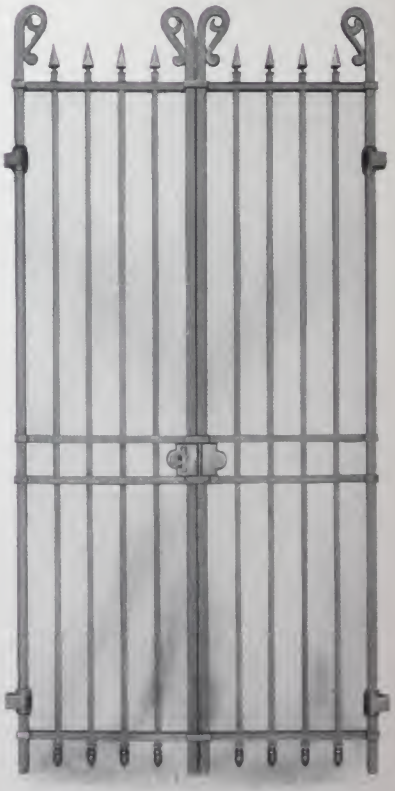
"BUFFALO" Wire Door No. 213

"BUFFALO" Wire Doors—Continued

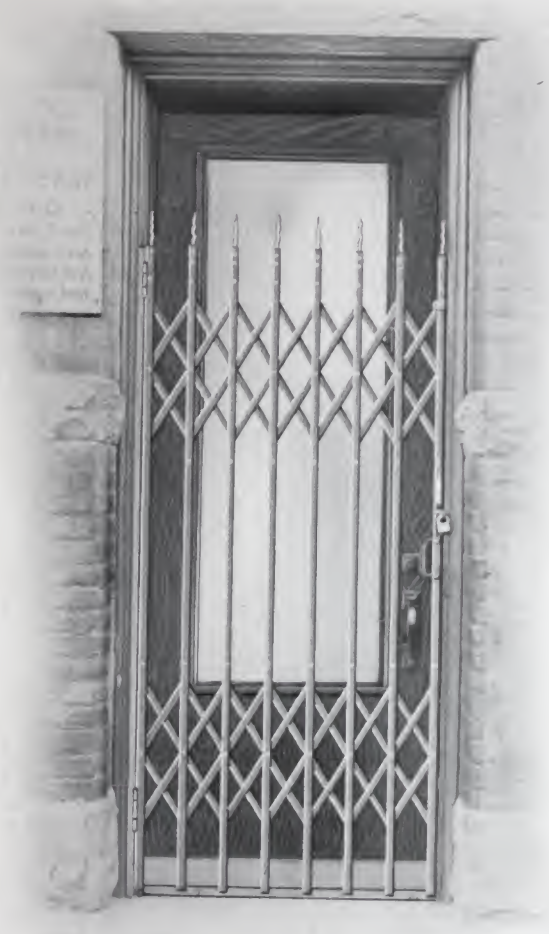


"BUFFALO" Wire Door No. 214
With Hand Hole

"BUFFALO" Ornamental Door
No. 212



"BUFFALO" Ornamental Brass
Door No. 212-A



"BUFFALO" Steel Folding Gate No. 215

"BUFFALO" Steel Folding Gates

THE construction of "BUFFALO" Steel Folding Gates as will be noticed in illustrations No. 215 and 215-A are of flat iron and channel iron and used particularly in driveways and gateways where it is desired to fold the gate out of the way when not in use.

Such places as door openings for stores, banks, theatre entrances, office entrances, driveways, elevator guards, these gates will be found particularly advantageous.

When folded up they can also be made to swing flush with the side of the building or door casings, allowing only the actual width of the construction of the material it is composed of, to project. They are easily operated, and constructed in such a manner that they can be locked whether open or closed. "BUFFALO" Folding Gates are constructed of various sizes of flat iron and channel iron according to the height and width of the gates.

These are also used as window guards which can be folded behind the window casing during the daytime when protection is not required, thereby leaving the window free from obstruction of light. At night time they can again be pulled over the window and locked securely.

"BUFFALO" Steel Folding Gate No. 215-A

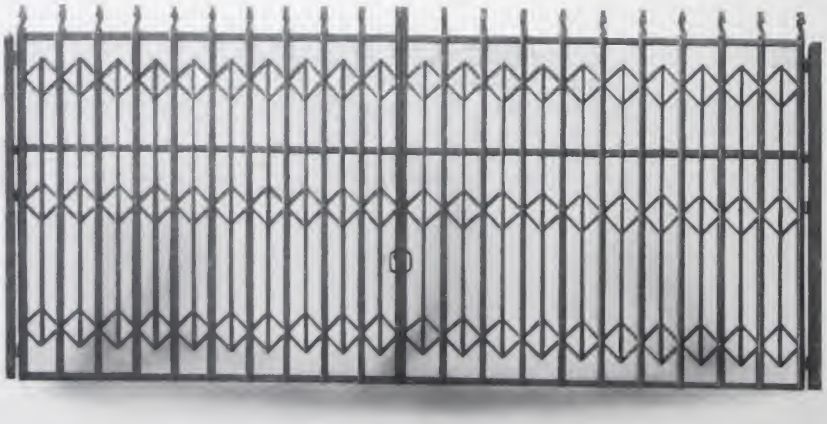
"Buffalo" Steel Folding Gates—Continued

These gates are all made to order according to the size required, and prices will be quoted on application.

We also show herewith a number of special designs which we have constructed. Illustration No. 217-B shows the same Folding Gate as shown in No. 217-A, completely folded and out of the way, fully illustrating the compactness and neatness of "BUFFALO" Steel Folding Gates.

Illustration No. 217-D gives a larger view of the same gate as shown in 217-C.

"Buffalo" Steel Folding Gate No. 216



"Buffalo" Steel Folding Gate No. 217-A

Illustration No. 217-B
Showing Gate Completely
Folded Out of the Way

"Buffalo" Steel Folding Gates—Continued

"Buffalo" Steel Folding Gate No. 217-C

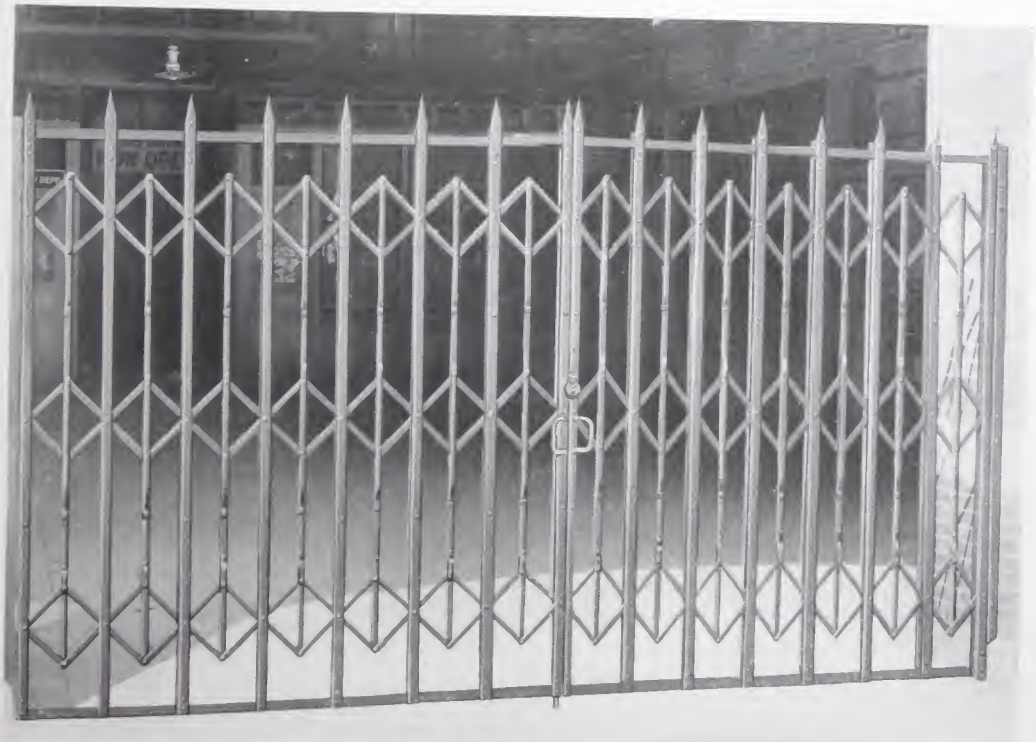


Illustration No. 217-D Enlarged View of Gate No. 217-C

"BUFFALO" Wire Fish and Brewers Chip Baskets

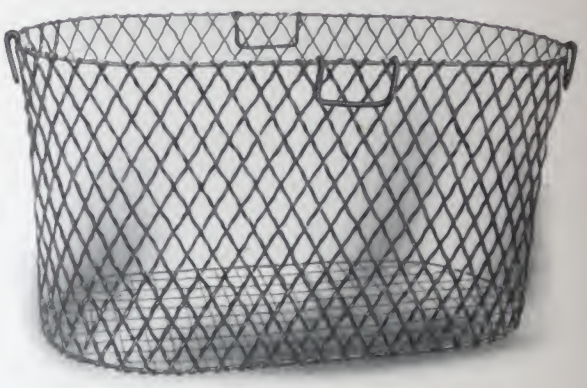
AS shown in the illustration, these baskets are made of 2 inch Diamond Mesh No. 10 W. & M. Gauge (.135") wire with a 3/8 inch round iron frame with four handles and galvanized after being made. The galvanizing renders them absolutely rust-proof and also solders the wires at each intersection making them strong and durable. These baskets are principally used by brewers as Chip Baskets and are practically indestructible when compared to the common baskets in ordinary use.

This same style basket is also used by many fish dealers. For this purpose, however, we make them of 1¼ inch Diamond Mesh No. 10 W. & M. Gauge (.135") wire with two handles instead of four. The construction otherwise is the same as that of the Brewers Chip Basket.

List price as follows:

Chip Baskets, 48 inches long, 24 inches wide and 24 inches high, each.....$10.00
Fish Baskets, 41 inches long, 18 inches wide and 12 inches high, each..... 8.00
Fish Baskets, 28 inches long, 18 inches wide and 12 inches high, each..... 6.00

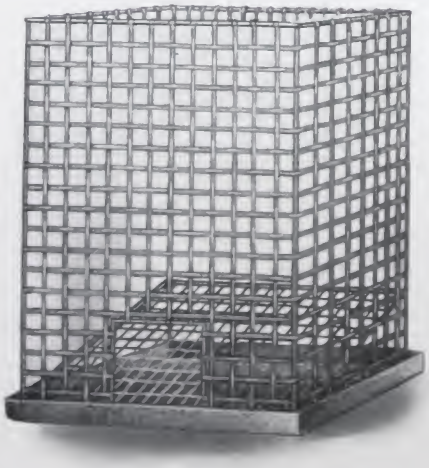
These baskets can be made to order any size desired.



"BUFFALO" Wire Fish and Brewers Chip Basket

"BUFFALO" Galvanized Clam and Oyster Racks

WE show herewith the "BUFFALO" improved Galvanized Clam and Oyster Rack which has been used extensively and has given excellent satisfaction for many years. To the restaurant dealer or retail oyster and clam merchant these racks are indispensable.



"BUFFALO" Galvanized Clam and Oyster Rack

"BUFFALO" Galvanized Clam and Oyster Racks are made of heavy wire woven into a square or diamond Mesh shape with round iron frame and sheet iron pan complete. They are heavily galvanized by our well-known hot process which renders them absolutely rust-proof.

When partly filled with oysters or clams a certain amount of either crushed ice or lump ice may be placed on the top of the oysters, thereby keeping them fresh and wholesome while displaying them to the public or customers in the most effective manner.

List price as follows:

12" x 12" x 18" with galvanized sheet iron pan, each, $4.00
15" x 15" x 18" with galvanized sheet iron pan, each, 5.00
18" x 18" x 24" with galvanized sheet iron pan, each, 6.00

Special sizes made to order on short notice.

"BUFFALO" Wire Annealing, Dipping and Conveying Baskets

The following illustrations show a few of the various Annealing, Dipping and Conveying Baskets made of plain steel wire, brass wire, copper wire and in many cases of steel wire galvanized after made.

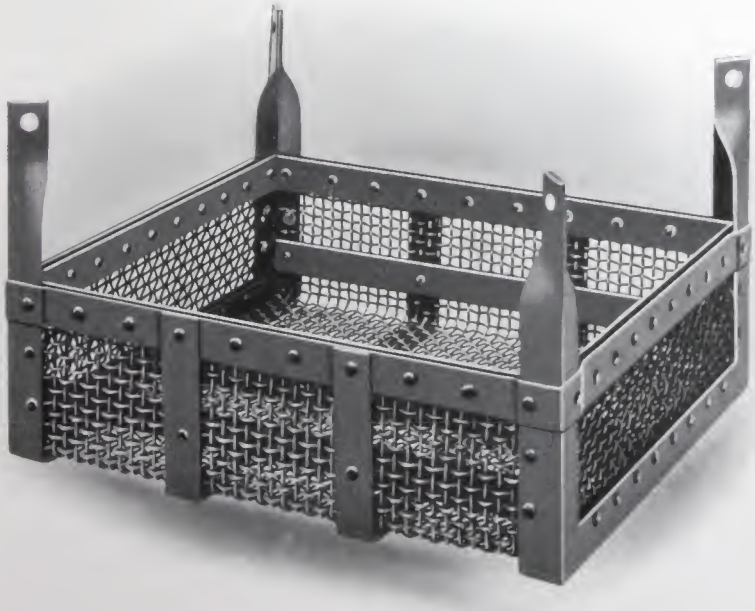
These baskets are used for various purposes; in foundries for pickling castings, in plating works, and are also used extensively in large machine shops for annealing purposes.

As there are so many various styles we are unable to quote prices without specifications as to the style wanted, its size, quantity and the kind of material it is to be made from.

These baskets can be made up on short notice and prices will be quoted upon receipt of specifications.

"BUFFALO" Wire Basket No. 1

"BUFFALO" Wire Basket No. 2



"BUFFALO" Wire Basket No. 3

"BUFFALO" Wire Basket No. 4

"BUFFALO" Elevator Fronts and Enclosures

AS described in the following illustrations are made in the best workmanlike manner. They are constructed of the various sized meshes and gauges of wire as illustrated with channel iron frames and wrought pipe corner posts of suitable diameter to sustain the partition or enclosures where necessary.

We also make them entirely of wrought iron—either square or round bars—with sheet steel bottom and trimmed with ornamental moulding as shown in illustrations No. 277-A, 277-B and 277-C.

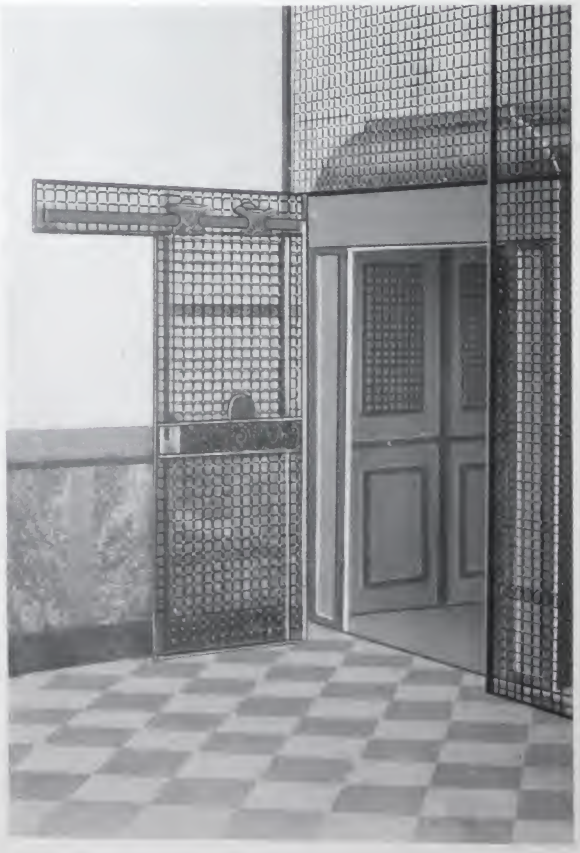
These are only a few illustrations of the many kinds of Elevator Enclosures and Fronts which we have manufactured, and we shall be pleased to submit special designs upon request.

"BUFFALO" Elevator Enclosures and Fronts can be finished in any desired color although they usually present the best appearance either in dead black or Verdi Antique finish.

The Scheeler Patented Combined Sliding and Swinging Front as shown in the following illustration can be used for freight elevators as well as passenger elevators and is very convenient where it is desired to obtain a larger opening for entrance to the elevator car than the single door permits.

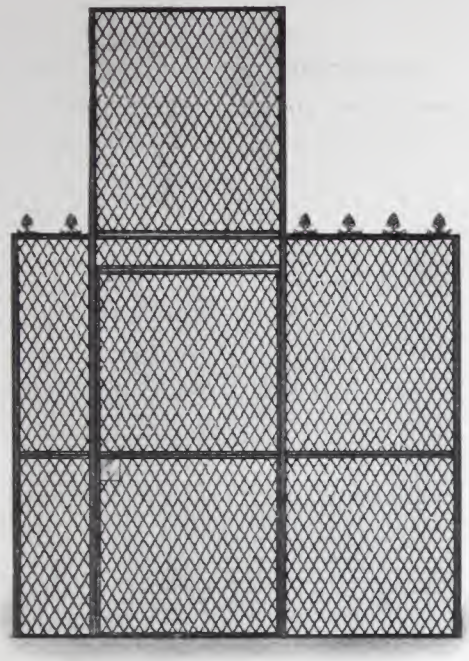
In cases of freight elevators it has been found not only a convenience, but a necessity as the combination sliding and swinging front enables the operator to both slide and swing the doors at the same time, thereby allowing the entire front of the car to be exposed to take on bulky freight that would not otherwise have been able to be placed on the car.

The Scheeler Combined Sliding and Swinging Fronts are used extensively in apartment houses, hotels, breweries, manufacturing buildings, and many other establishments.

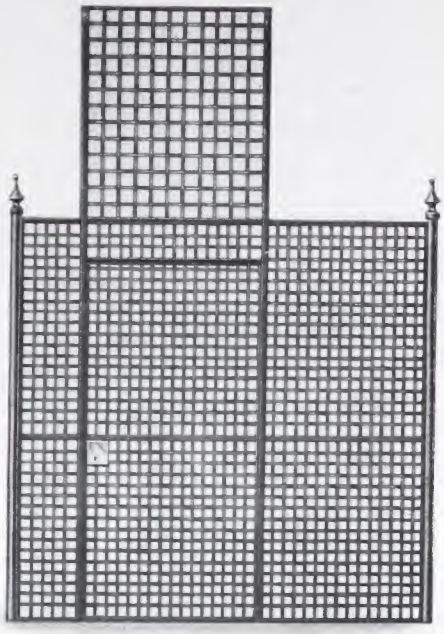


View Showing the Scheeler Patented Combination Sliding and Swinging Front

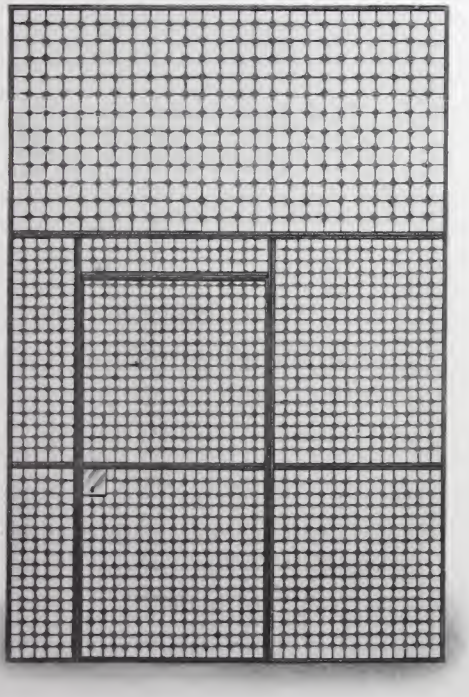
"Buffalo" Elevator Fronts and Enclosures—Continued



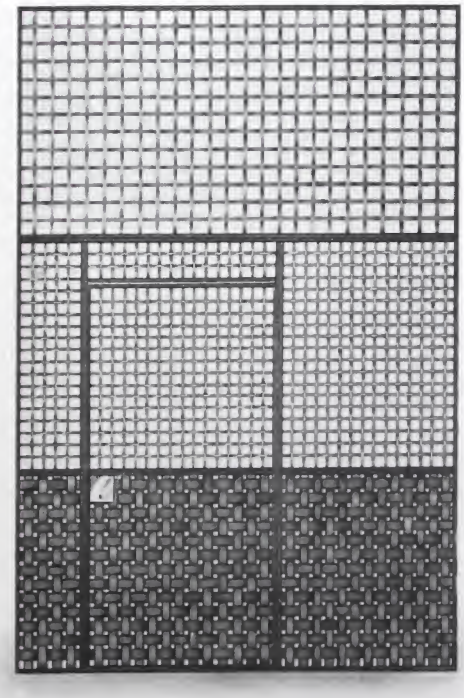
"Buffalo" Elevator Front and Enclosure No. 273



"Buffalo" Elevator Front and Enclosure No. 274

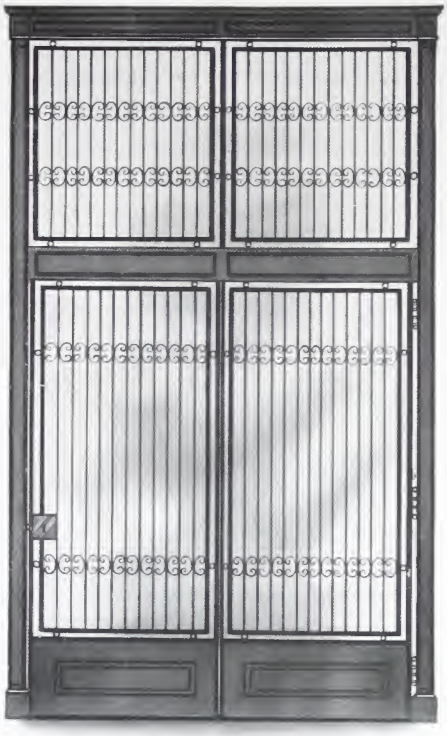


"Buffalo" Elevator Front and Enclosure No. 275



"Buffalo" Elevator Front and Enclosure No. 276

"BUFFALO" Elevator Fronts and Enclosures—Continued



"BUFFALO" Elevator Front and Enclosure No. 277

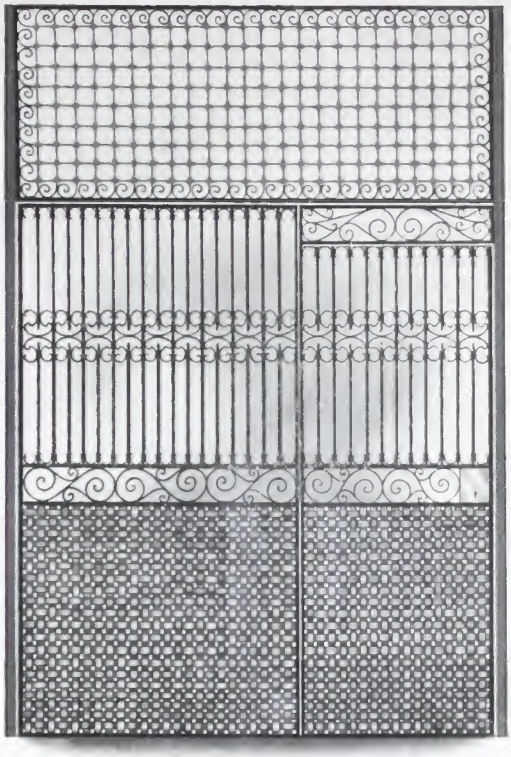
"BUFFALO" Elevator Front and Enclosure No. 277-A

"BUFFALO" Elevator Front and Enclosure No. 277-B

"BUFFALO" Elevator Front and Enclosure No. 277-C

"Buffalo" Elevator Fronts and Enclosures—Continued

"Buffalo" Elevator Front and Enclosure No. 278



"Buffalo" Elevator Front and Enclosure No. 279

"Buffalo" Elevator Front and Enclosure No. 280

"Buffalo" Elevator Front and Enclosure No. 280-A

"BUFFALO" Elevator Cabs

ON the following pages we show a few of the latest designs of Elevator Cabs as well as some of the old standards which are still extensively used. There are so many of these designs that we have issued a separate "Portfolio of Designs" known as Form 42 which we will be pleased to mail upon request to those especially interested in Elevator Cabs.

Our facilities to manufacture Elevator Cabs and Enclosures are such that our workmanship is above criticism.

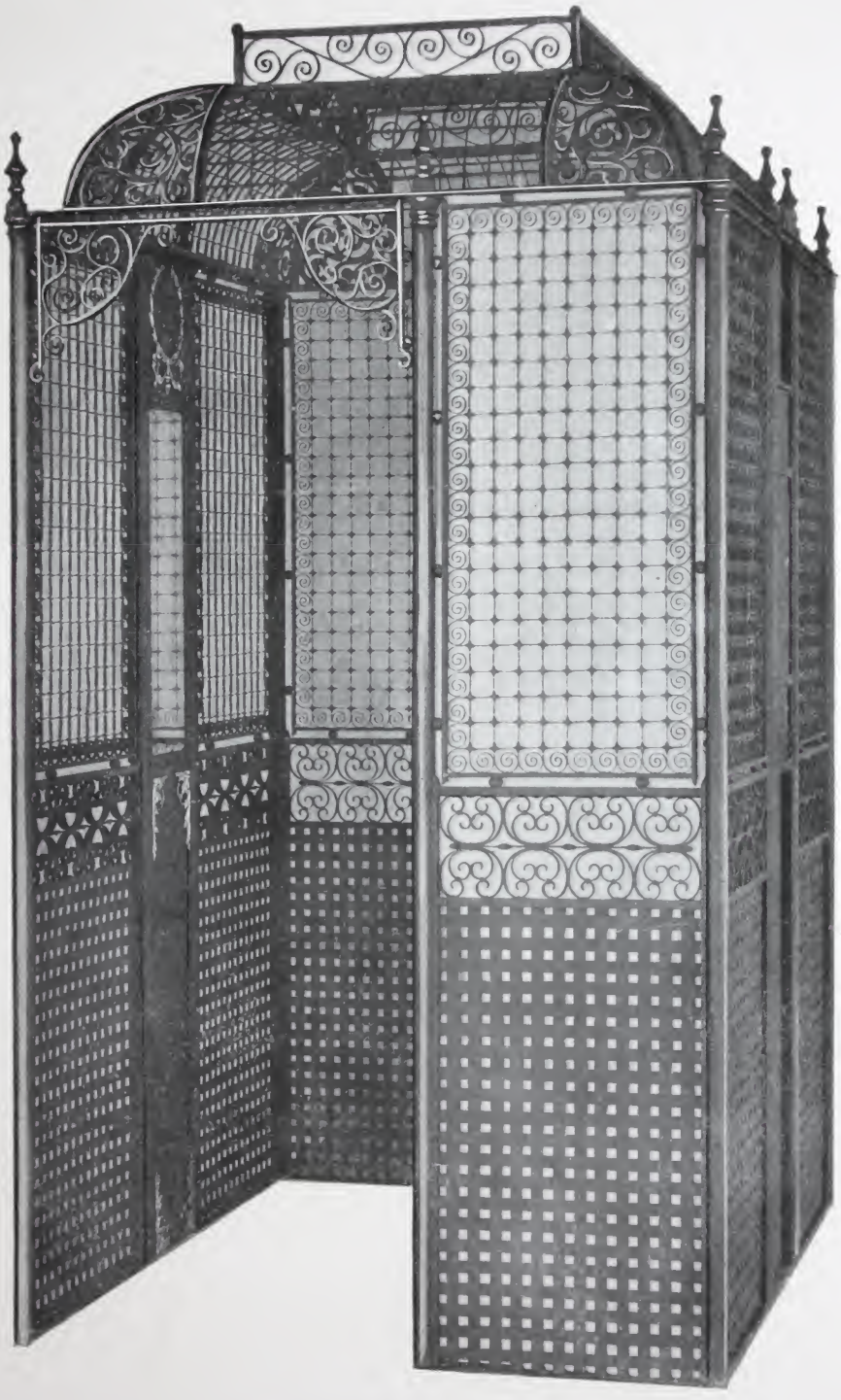
The material used in the manufacture of all "BUFFALO" Elevator Cabs and Enclosures are of the highest quality and being manufactured in an up-to-date plant fully equipped with the latest machinery we feel safe to say that any work entrusted to us in this line will give the utmost satisfaction at most reasonable prices.

In all cases where it is possible we electrically spot weld in place of bolting those parts of the work together in order to make a more rigid job. This also prevents any possibility of one section coming loose from the other and the continual annoyance of having to be rebolted as is necessary in a good many cases where bolts and screws are used entirely.

The designs shown are merely a few suggestions of what we have made in the past and our Form 42 may be used to aid in selecting other designs for this purpose.

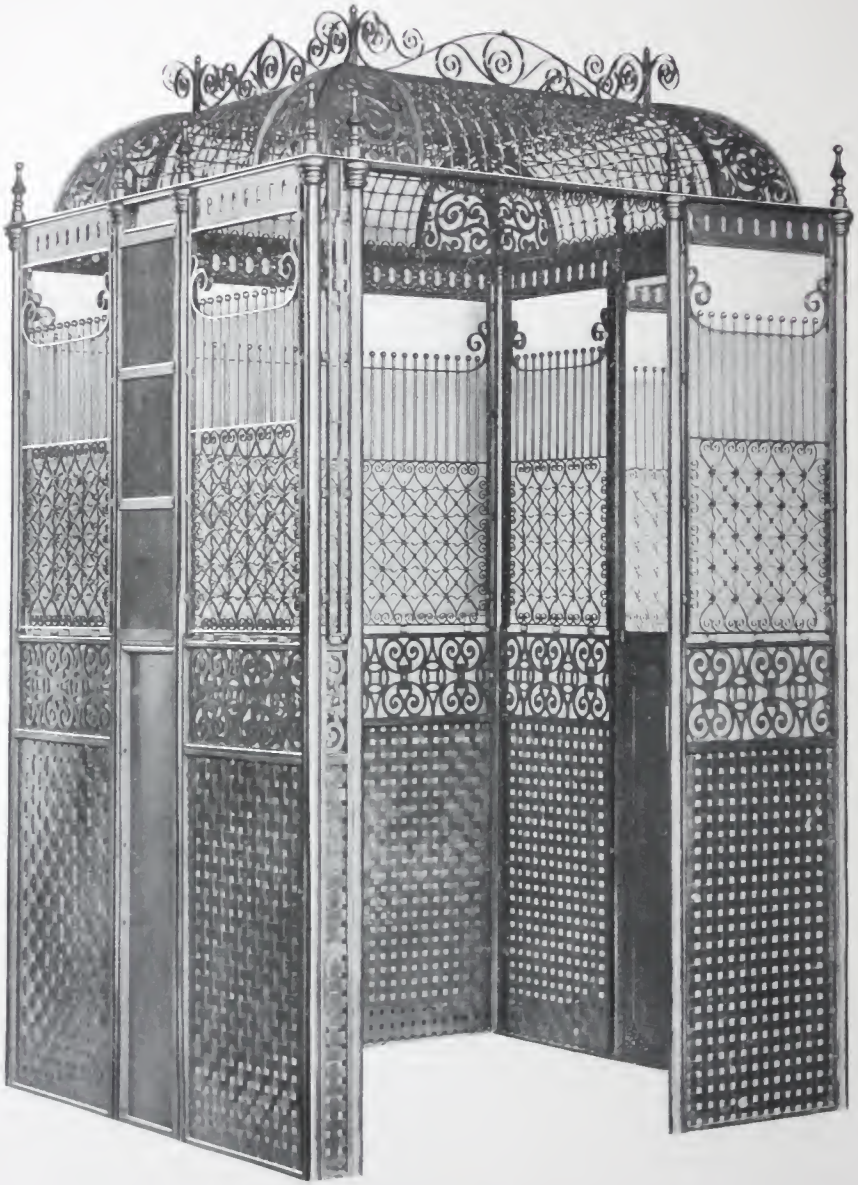
We can, however, make up any design desired either according to architects specifications or submit special designs of our own where desired.

"BUFFALO" Elevator Cabs—Continued



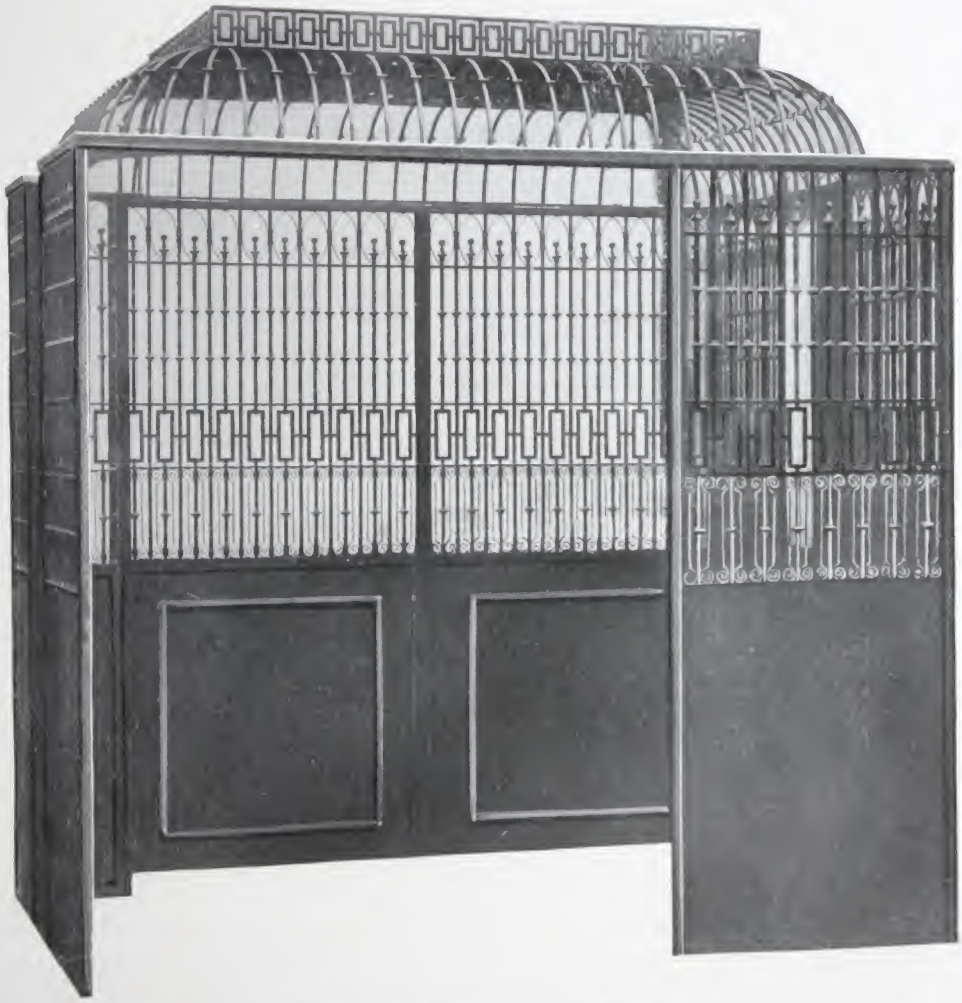
"BUFFALO" Elevator Cab No. 503

"BUFFALO" Elevator Cabs—Continued



"BUFFALO" Elevator Cab No. 505

"BUFFALO" Elevator Cabs—Continued



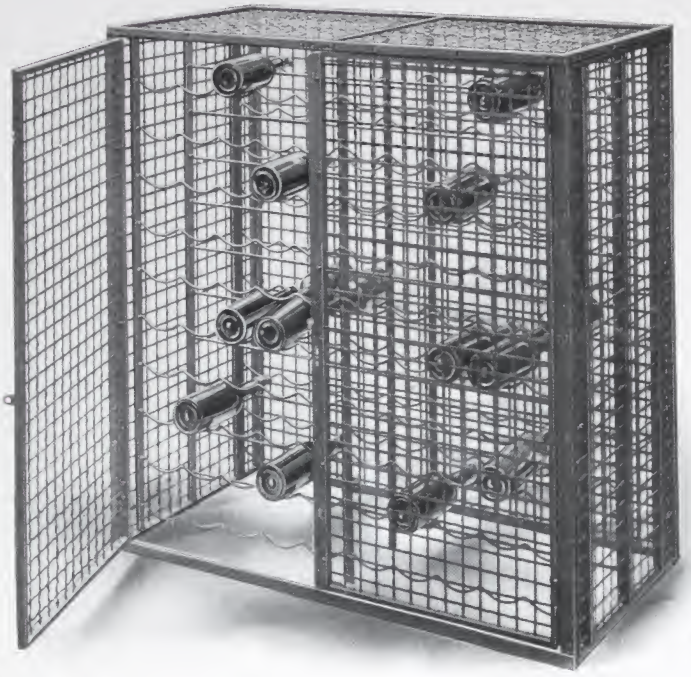
"BUFFALO" Elevator Cab No. 513

"BUFFALO" Elevator Cabs—Continued

"BUFFALO" Elevator Cab No. 518

Special Articles

THE following illustrations will show that there are very few articles that cannot be made of wire by this Company and also serves to show that the mechanics we have are skilled workmen in their line.



Bottle Rack No. 284

Illustration No. 284 is a Bottle Rack designed for one of the leading liquor dealers in Buffalo.

Wire Berth No. 285

Illustration No. 285 is a Wire Berth, hundreds of which we have manufactured for various lake freight steamers. They are sanitary and neat, yet comfortable.

Special Articles—Continued

Spark Arrester No. 286

Illustration No. 286 shows one-half of the huge Spark Arrester manufactured according to the purchasers own design to arrest sparks coming from a large factory chimney. Its size may be readily judged by comparing the mechanic who made it and is standing next to it.

No. 286-A

Illustration No. 286-A shows the same Spark Arrester completely erected and ready to perform its duty.

Special Articles—Continued

Wire Delivery Body No. 287

Illustration No. 287 shows a Wire Delivery Body attached to a Ford automobile for delivery purposes.

Wire Auto Panels No. 288

Illustration No. 288 shows an Auto Delivery equipped with Wire Panels.

Special Articles—Continued

"BUFFALO" Wire Infant Cribs

"BUFFALO" Wire Infant Crib No. 1

"BUFFALO" Wire Infant Crib as shown in illustration is a neat, strong Infant Crib, constructed with "BUFFALO" Diamond Mesh fabric smoothly and securely fastened to round iron frame, and neatly enameled white.

The bottom is constructed of a square mesh fabric, made of flat crimped wire which gives a springy effect.

They can be lined on the inside with silk or satin lining and are used in private families for bedroom use, or can be placed on the veranda where the child will be out of harms reach and breathe fresh air so essential to healthy babies.

"BUFFALO" Wire Infant Cribs are made in the following sizes without ribbon or silk trimming:

No. 1, as illustrated, 36" long, 22" wide, 32" high	$12.00
No. 2—40" long, 24" wide, 32" high	15.00
No. 3—(For twins), 40" long, 28" wide, 32" high	18.00

Write for discount.

Special sizes made to order on short notice.

We have also made these Cribs equipped with fittings to attach to side of wall in place of legs, for Maternity Hospitals and institutions.

We shall be pleased at all times to receive inquiries for any class of wire work upon which we will cheerfully submit designs and lowest prices with such suggestions as we may deem will be to our customers interest.

Index

Index—Continued

Index—Continued

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W